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Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
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le 20 juin, 2017

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5. Jours fériés
6. Procédures en cas de fermeture des bureaux
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8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3.5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 31, 2017 contains applications open to public inspection from October 15, 2017 to October 21, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 31 octobre 2017 contient les demandes disponibles au public pour consultation pour la période du 15 octobre 2017 au 21 octobre 2017.

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[72] MANDEL, ULLA, DK
[72] SORENSEN, ANNE LOUISE, DK
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[54] **BOITIER POUR FOURNITURES DE BUREAU**
[72] RUBIO, MIGUEL ANGEL SILVA, MX
[72] CEJA, MAURICIO ENRIQUE FERRUSCA, MX
[73] GRUPO AZOR MEXICO, S.A. DE C.V., MX
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[54] **ERASER AND MARKER HOLDER FOR WHITE BOARDS**
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[72] CEJA, MAURICIO ENRIQUE FERRUSCA, MX
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[54] **SYSTEME D'AFFICHAGE D'IMAGE, AINSI QUE DISPOSITIF ET PROCEDE D'AFFICHAGE**
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[54] **APPAREILS, SYSTEMES ET METHODES D'ADMINISTRATION DE FLUIDES**
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[72] CLARK, RAYMOND, US
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[72] DONNELLY, CHRIS, US
[72] TURNER, BRANDON, US
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[72] HARRIS, THOMAS D., US
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[73] ARKTIK GMBH, DE
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[72] MARTINEAU, PIERRE EMILE ULYSSE, FR
[72] WEISS, ETIENNE, FR
[73] INSERM, FR
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[54] **SYSTEME DE TRANSFERT DE SIGNAL**
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[72] BEN-SHALOM, AMIR, IL
[72] GREENWALD, OOLA, IL
[72] ROFE, ARIK, IL
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[54] **UNITES D'ARRET DE VEHICULE COIFFEES ET/OU BISEAUTEES QUI RESISTENT A UN SOUFFLE DE REACTEUR, LIT ET PROCEDES**
[72] VALENTINI, SILVIA C., US
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[54] **MODULATION DE REPONSES IMMUNITAIRES INDUITES PAR LES LYMPHOCYTES T AUXILIAIRES**
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[72] MORRIS, JONATHAN M., AU
[72] GALLERY, EILEEN D. M., AU
[72] MCCRACKEN, SHARON, AU
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[73] ST. VINCENT'S HOSPITAL (MELBOURNE) LIMITED, AU
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[54] **SYSTEME DE TRANSFERT DE BOIS D'OEUVRE**
[72] BEAUDET, LOUIS, CA
[73] CARBOTECH INTERNATIONAL, CA
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[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[72] KRAFT, THOMAS, SE
[72] PIN, PIERRE, SE
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[72] AUL, GURPREET S., CA
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[72] BOLAS, MICHAEL E., US
[72] COELHO, JOSE U., CA
[72] GERICKE, DEAN A., US
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[54] **METHODES DE TRAITEMENT DE SYNDROME NON METABOLIQUE AU MOYEN D'AGONISTES DU RECEPTEUR DE DOPAMINE**
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[73] VEROSCIENCE, LLC, US
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[54] **INTERFEROMETRE ET CAPTEUR BASES SUR DES GUIDES D'ONDES OPTIQUES BIMODES ET PROCEDE DE DETECTION**
[72] DOMINGUEZ HORNA, CARLOS, ES
[72] ZINOVIEV, KIRILL, ES
[72] LECHUGA GOMEZ, LAURA MARIA, ES
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[54] **VALVULES DE TRACHEOSTOMIE ET PROCEDES APPARENTES**
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[72] SCHERER, ANDREW J., US
[73] PASSY-MUIR, INC., US
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[72] SONG, JIANLAN, US
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[72] UENO, MORIO, JP
[72] KINOSHITA, SHIGERU, JP
[73] SENJU PHARMACEUTICAL CO., LTD., JP
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[72] TEMTSIN KRAYZ, GALIA, IL
[72] AVERBUCH, MARYANA, IL
[72] GITIS, LARISA, IL
[72] ZELKIND, ILYA, IL
[73] SOLUBEST LTD., IL
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[54] **DISPOSITIFS MODULAIRES A UTILISER SUR PLACE ET LEURS UTILISATIONS**
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[72] HOLMES, ELIZABETH A., US
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[54] **APPAREIL MODULAIRE AUTONOME DE GENERATION, DE STOCKAGE ET DE DISTRIBUTION D'ENERGIE AINSI QUE SYSTEME ET PROCEDE ASSOCIES**
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[54] **METHOD FOR MULTICASTING VIEWS OF REAL-TIME STREAMING INTERACTIVE VIDEO**
[54] **PROCEDE DE MULTIDIFUSION DE VUES DE VIDEO INTERACTIVE A LECTURE EN CONTINU EN TEMPS REEL**
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[73] SONY COMPUTER ENTERTAINMENT AMERICA LLC, US
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[54] **THE USE OF COMBINATIONS COMPRISING ISOTIANIL AND AN INSECTICIDAL ACTIVE TO CONTROL INSECTS**
[54] **L'UTILISATION DE COMBINAISONS RENFERMANT DE L'ISOTIANIL ET UN INSECTICIDE ACTIF POUR CONTROLER LES INSECTES**
[72] ASSMANN, LUTZ, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
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[72] THIELERT, WOLFGANG, DE
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[54] **DISPOSITIF DE VERROUILLAGE FORCE DE DEUX ELEMENTS PERPENDICULAIRES**
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[72] SCHUSTER, MANFRED, AT
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[54] **DISPOSITIF ET PROCEDE POUR TRAITER UNE PATHOLOGIE DU SYSTEME NERVEUX CENTRAL**
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[72] CARROLL, DAVID L., US
[72] LEVI, NICOLE H., US
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[54] **PROCEDE ET SYSTEME POUR UNE INTERPRETATION DE LANGAGE SITUATIONNELLE**
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[73] GEACOM, INC., US
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[54] **APPAREIL ET METHODE DE CONTROLE DE LA FORMATION DE RENFLEMENTS DANS DES PROCESSUS DE PROFILAGE**
[72] SMITH, GREGORY S., US
[72] GREEN, JASON E., US
[73] THE BRADBURY COMPANY, INC., US
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[54] **PROCESS FOR PRODUCING A COMPONENT HAVING AT LEAST ONE HOLLOW PROFILE AND A HOLLOW BODY FOR IMPLEMENTING THIS PROCESS**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSANT AYANT AU MOINS UN PROFILE CREUX ET CORPS CREUX POUR LA MISE EN OEUVRE DE CE PROCEDE**
[72] GENSEWICH, CHRISTIAN, DE
[72] TUEMENA, CHRISTIAN, DE
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[54] **PROCEDE DE PREDICTION D'UNE PROPRIETE FUTURE**
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[54] **SYSTEME DE PIPETTE ET PROCEDE POUR MESURE LA VISCOSITE**
[72] MILLET, FREDERIC, FR
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[54] **MOTEUR A COMBUSTION INTERNE A FORT RENDEMENT**
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[54] **PROCEDE D'AJOUT D'UN MESSAGE POST-SCRIPTUM A UN COURRIEL**
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[72] ZHU, QUINN QUN, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **HYBRID MEMBRANE COMPRISING CHITOSAN, HYDROXY ETHYL CELLULOSE, AND MONTMORILLONITE**
[54] **MEMBRANE HYBRIDE COMPRENANT DU CHITOSANE, DE L' HYDROXY ETHYLCELLULOSE ET DE LA MONTMORILLONITE**
[72] SHUKLA, ASHOK KUMAR, IN
[72] PITCHUMANI, SETHURAMAN, IN
[72] SRIDHAR, PARTHASARATHI, IN
[72] BHAT, SANTOSHKUMAR DATTATRAY, IN
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[54] **STRATEGIES HYBRIDES POUR REDUIRE LA LIXIVIATION DE BIOCIDES DE METAL ET PROVENANT DE SUBSTRATS BIODEGRADABLES**
[72] KEEN, BRIAN T., US
[72] HAYSON, KIMBERLY S., US
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[72] JOSEPH, ALBERT F., US
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[54] **COMPOSITIONS POUR LA DOUCHE ET LE BAIN**
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[72] QIU, QIANG, US
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[72] OPHARDT, HEINER, CA
[73] GOTOHTI.COM INC., CA
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[54] **SYSTEME ET PROCEDE POUR DETECTER DES RELATIONS DE SYSTEMES PAR CORRELATION DE NIVEAUX D'ACTIVITE DE CHARGES DE SYSTEMES**
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[72] HILLIER, ANDREW DEREK, CA
[73] CIRBA IP INC., CA
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[54] **METHODE ET COMPOSITIONS POUR LE TRAITEMENT DU CANCER**
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[54] **MATRICE POLYMERE RETICULEE, EN PARTICULIER POUR L'ADMINISTRATION DE PRINCIPES ACTIFS**
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[54] **COMPOSITIONS ET PROCEDES POUR RENFORCER LE SYSTEME IMMUNITAIRE**
[72] VAN DEN BERG, TIMO KARS, NL
[73] STICHTING SANQUIN BLOEDVOORZIENING, NL
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[54] **GENERATION D'UN MODELE OSSEUX INFORMATISE REPRESENTATIF D'UN ETAT PREDEGENERE ET UTILISABLE DANS LA MISE AU POINT ET LA FABRICATION DE DISPOSITIFS D'ARTHROPLASTIE**
[72] PARK, ILWHAN, US
[72] CHI, CHARLIE W., US
[72] HOWELL, STEPHEN M., US
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[54] **DISPOSITIF INFORMATIQUE DE GESTION TEMPORELLE DE DOCUMENTS NUMERIQUES**
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[73] UNIVERSITE PARIS DIDEROT-PARIS 7, FR
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[54] **COMPOSITIONS DESTINEES A LA PREVENTION D'ADHERENCES ET AUTRES APPLICATIONS DE BARRIERES**
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[72] NORCHI, TERRENCE W., US
[72] KELLY, STEPHEN RICHARD, US
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[54] **TRIANGULATION CAMERA DEVICE AND TRIANGULATION IMAGING METHOD**
[54] **DISPOSITIF DE PRISE DE VUE PAR TRIANGULATION ET PROCEDE D'IMAGERIE PAR TRIANGULATION**
[72] SCHMIDT, VOLKER, DE
[73] BERLINER GLAS KGAA HERBERT KUBATZ GMBH & CO., DE
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[54] **COMBINAISONS SYNERGISANTES DE PRINCIPES ACTIFS**
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[72] FISCHER, REINER, DE
[72] ANDERSCH, WOLFRAM, DE
[72] HUNGENBERG, HEIKE, DE
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[25] EN
[54] **SYSTEM AND METHOD FOR EXTRACTING POWER FROM FLUID**
[54] **SYSTEME ET PROCEDE PERMETTANT D'EXTRAIRE DE L'ENERGIE D'UN FLUIDE**
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[54] **NEW GEMINI SURFACTANTS, OBTAINING PROCESS AND USE AS MULTIFUNCTIONAL CORROSION INHIBITORS**
[54] **NOUVEAUX AGENTS TENSIOACTIFS GEMINES, PROCEDE DE FABRICATION CONNEXE ET UTILISATION DESDITS AGENTS EN TANT QU'INHIBITEURS DE CORROSION MULTIFONCTION**
[72] HERNANDEZ ALTAMIRANO, RAUL, MX
[72] MENA CERVANTES, VIOLETA YASMIN, MX
[72] ZAMUDIO RIVERA, LUIS SILVESTRE, MX
[72] BELTRAN CONDE, HIRAM ISAAC, MX
[72] LOPEZ RAMIREZ, SIMON, MX
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[72] OK, MYUNGAHN, KR
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[73] SIEBTE PMI VERWALTUNGS GMBH, DE
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[54] **UTILISATION D'UNE MATRICE POUR ADMINISTRATION ORALE DE MAGNESIUM A LIBERATION PROLONGEE, ET COMPOSITION CONTENANT CETTE MATRICE**
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[54] **PROCEDE DE RETRAIT DE MATIERES SOLIDES DISSOUTES A PARTIR D'UN COURANT DE DECHETS AQUEUX**
[72] GALLOT, JEAN-CLAUDE, US
[73] VEOLIA WATER TECHNOLOGIES, INC., US
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[54] **FORME POSOLOGIQUE PHARMACEUTIQUE EN CAPSULE COMPRENANT UNE FORMULATION EN SUSPENSION D'UN DERIVE D'INDOLINONE**
[72] MESSERSCHMID, ROMAN, DE
[72] BINDER, RUDOLF, DE
[72] BOCK, THOMAS, CH
[72] BROX, WERNER, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **PROCEDE PERMETTANT DE DETERMINER UN FACTEUR RESPONSABLE DE LA PROLONGATION DU TEMPS DE COAGULATION SANGUINE**
[72] NAKAMURA, REMI, JP
[72] MORIKAWA, CHIZURU, JP
[72] SUNAGA, HIROYUKI, JP
[72] YAGO, HIROKAZU, JP
[73] SEKISUI MEDICAL CO., LTD., JP
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[72] RUSHTON, NEIL, GB
[72] AUXEPAULES, ARNAUD, FR
[72] FIELD, RICHARD E., GB
[72] MEHATS HIBON, AUDE, FR
[73] STRYKER EUROPEAN HOLDINGS I, LLC, US
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[54] **FACTEUR VIII, FACTEUR DE VON WILLEBRAND OU LEURS COMPLEXES AVEC DES DUREES DE VIES IN VIVO PROLONGEES**
[72] WEIMER, THOMAS, DE
[72] SCHULTE, STEFAN, DE
[72] METZNER, HUBERT, DE
[72] KRONTHALER, ULRICH, DE
[72] LIND, HOLGER, DE
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[54] **ANTAGONISTES PIPERIDYL-ACRYLAMIDE DE CCR2**
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[72] SUI, ZHIHUA, US
[73] JANSSEN PHARMACEUTICA NV, BE
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[54] **ANGLE DE PROPHYLAXIE JETABLE AMELIORE**
[72] SEALS, ROBERT G., US
[72] HOPP, DAVID M., US
[72] TRIPP, STEVEN D., US
[73] YOUNG DENTAL MANUFACTURING I, LLC, US
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[54] **ECHAFAUDAGE ET PROCEDE CONNEXE**
[72] GEALY, PRESTON L., US
[73] WERNER CO., US
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[54] **ADAPTATEUR DE CATHETER D'ASPIRATION FERME AVEC AGENCEMENT DE RINCAGE**
[72] STENZLER, ALEX, US
[72] HAN, STEVE, US
[72] YOUNG, DAVID MATTHEW, US
[73] CAREFUSION 207, INC., US
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[54] **CYSTAMINE ANALOGUES FOR THE TREATMENT OF PARKINSON'S DISEASE**
[54] **ANALOGUES DE LA CYSTAMINE POUR LE TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] CICCHETTI, FRANCESCA, CA
[72] ROUILLARD, CLAUDE, CA
[72] CALON, FREDERIC, CA
[73] UNIVERSITE LAVAL, CA
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[54] **INJECTEUR A DOSAGE MULTIPLE**
[72] COX, JANICE L., US
[72] RUST, MATTHEW, US
[72] KRAMER, THOMAS E., US
[72] HOEFT, PETER, US
[73] ANTARES PHARMA, INC., US
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[25] EN
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[54] **PRODUITS ABSORBANTS COMPORTANT UN EMBALLAGE PLUS EFFICACE**
[72] WEISMAN, PAUL THOMAS, US
[72] DUVAL, DEAN LARRY, US
[72] HUNDORF, HARALD HERMANN, DE
[72] BERUDA, HOLGER, DE
[72] BLESSING, HORST, US
[72] DZIEZOK, PETER, DE
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[72] SCHMIDT, MATTIAS, DE
[72] STELZIG, LUTZ, DE
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[54] **DISPOSITION DE ROUE DE SOUFFLANTE RADIALE**
[72] HAMMEL, CHRISTIAN, DE
[72] GRUBER, ERHARD, DE
[72] HAAF, OLIVER, DE
[72] HAAG, CHRISTIAN, DE
[72] STREHLE, MICHAEL, DE
[73] EBM-PAPST MULFINGEN GMBH & CO. KG, DE
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[72] HOES, HANS, BE
[72] DE RIDDER, FJO, BE
[73] VITO NV, BE
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[54] **ELECTRIC GRIPPER DRIVE WITH A TORSIONAL COMPLIANCE DEVICE**
[54] **MOTEUR DE PINCE ELECTRIQUE DOTE D'UN DISPOSITF DE SOUPLESSE A LA TORSION**
[72] GEARY, JAMES, US
[72] MCCORMICK, PETER, US
[73] DELAWARE CAPITAL FORMATION, INC., US
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[72] HUBBELL, JEFFREY A., CH
[72] O'NEIL, CONLIN P., CH
[72] REDDY, SAI T., US
[72] SWARTZ, MELODY A., CH
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[54] **ACTIVE IMPLEMENT DOWN FORCE SYSTEM WITH AUTOMATIC LATCHING OF TRACTOR POWER BEYOND PRESSURE**
[54] **SYSTEME AVEC FORCE VERS LE BAS POUR EQUIPEMENT ACTIF AVEC VERROUILLAGE AUTOMATIQUE DE LA PUISSANCE DU TRACTEUR AU-DELA D'UNE PRESSION DONNEE**
[72] GRAHAM, WILLIAM DOUGLAS, US
[72] BARFELS, AARON L., US
[73] DEERE & COMPANY, US
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[54] **VARIANTS DE BETA-GLUCOSIDASE A ACTIVITE AMELIOREE ET LEURS UTILISATIONS**
[72] LOPES-FERREIRA, NICOLAS, FR
[72] MARGEOT, ANTOINE, FR
[72] MATHIS, HUGUES, FR
[72] FOURAGE, LAURENT, FR
[73] IFP ENERGIES NOUVELLES, FR
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[54] **PROCEDES ET SYSTEMES DE MEDIALISATION D'UN CORNET**
[72] GONZALES, DONALD A., US
[72] DINGER, FRED B., US
[72] NIEDERAUER, GABRIELE G., US
[72] WRANA, JEFF S., US
[73] ARTHROCARE CORPORATION, US
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[72] CONKLIN, RICHARD, US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
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[54] **PYRAZOLO PYRIDINE DERIVATIVES AS NADPH OXIDASE INHIBITORS**
[54] **DERIVES PYRAZOLO-PYRIDINE COMME INHIBITEURS DE LA NADPH OXYDASE**
[72] PAGE, PATRICK, FR
[72] ORCHARD, MIKE, GB
[72] LALEU, BENOIT, FR
[72] GAGGINI, FRANCESCA, CH
[73] GENKYOTEX SUISSE SA, CH
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[54] **SYSTEME DE FIXATION D'UN DISPOSITIF MEDICAL**
[72] CICCONE, PAUL, US
[73] C.R. BARD, INC., US
[85] 2011-03-18
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[54] **MONOCLONAL ANTIBODIES FOR CSPG4 FOR THE DIAGNOSIS AND TREATMENT OF BASAL BREAST CARCINOMA**
[54] **ANTICORPS MONOCLONAUX DE CSPG4 UTILISES DANS LE DIAGNOSTIC ET LE TRAITEMENT DU CARCINOME MAMMAIRE DE TYPE BASAL**
[72] FERRONE, SOLDANO, US
[72] WANG, XINHUI, US
[73] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2011-03-18
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[54] **STATION D'ACCUEIL EQUIPEE D'U ENSEMBLE DE CONNEXION FLOTTANT**
[72] XU, BO, CA
[72] MAO, YANMIN, CA
[73] PSION INC., CA
[86] (2737899)
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[54] **DISPENSER FOR LIQUIDS**
[54] **DISTRIBUTEUR DE LIQUIDES**
[72] VELTROP, LOREN, US
[72] LYONS, CHRISTOPHER, US
[73] PRINCE CASTLE LLC, US
[86] (2738192)
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[54] **COMPOSITIONS DU VIRUS DE L'HERPES BOVIN-1, VACCIN ET PROCEDE**
[72] RAJU SEETHARAMAN, GOPINATH, US
[72] HARLAND, RICHARD, CA
[72] ALBEE, LEE DAVID, II, US
[72] PATEL, MAYUR NAVNITBHAI, US
[72] OSTERRIEDER, NIKOLAUS, DE
[72] KAUFER, BENEDIKT B., DE
[73] CORNELL UNIVERSITY, US
[73] NOVARTIS TIERGESUNDHEIT AG, CH
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[25] EN
[54] **2-ACYLAMINOPROPOANOL-TYPE GLUCOSYLCERAMIDE SYNTHASE INHIBITORS**
[54] **INHIBITEURS DE GLUCOSYLCERAMIDE SYNTHASE DE TYPE 2-ACYLAMINOPROPOANOL**
[72] SIEGEL, CRAIG, US
[72] BASTOS, CECILIA M., US
[72] HARRIS, DAVID J., US
[72] DIOS, ANGELES, US
[72] LEE, EDWARD, US
[72] SILVA, RICHARD, US
[72] CUFF, LISA M., US
[72] LEVINE, MIKAELA, US
[72] CELATKA, CASSANDRA A., US
[72] JOZEFIAK, THOMAS H., US
[72] VINICK, FREDERIC, US
[72] XIANG, YIBIN, US
[72] KANE, JOHN, US
[72] LIAO, JUNKAI, US
[73] GENZYME CORPORATION, US
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[54] PROCEDE DE MICRO-ENCAPSULATION DE CELLULES DE SERTOLI, MICROCAPSULES OBTENUES ET LEUR UTILISATION POUR PREVENIR ET TRAITER LE DIABETE SUCRE DE TYPE 1
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[72] LUCA, GIOVANNI, IT
[72] CALVITTI, MARIO, IT
[72] BECCHETTI, ENNIO, IT
[72] PUCCETTI, PAOLO, IT
[72] FALLARINO, FRANCESCA, IT
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[54] **COMPOSITIONS DE POLYCARBONATE A RESISTANCE AUX IMPACTS MODIFIEE POUR LA FABRICATION DE CORPS MOULES METALLISES A BRILLANCE DE SURFACE HOMOGENE**
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[72] WENZ, ECKHARD, DE
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[54] **JETON AVEC DISPOSITIF D'IDENTIFICATION RFID INTEGRE ET SON PROCEDE DE FABRICATION**
[72] INNITZER, GREGOR, AT
[72] HAMEDANI, SOHEIL, DE
[73] MUENZE OSTERREICH AG, AT
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[72] DAKIN, EUGENE, US
[73] M-I L.L.C., US
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[54] **SYSTEMES ET PROCEDES POUR TRANSMETTRE UN CONTENU MULTIMEDIA PAR L'INTERMEDIAIRE D'UNE TRANSMISSION PAR RADIODIFFUSION NUMERIQUE POUR UN RENDU SYNCHRONISE PAR UN RECEPTEUR**
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[72] BALASUBRAMANIAN, MUTHU GOPAL, US
[72] CHALMERS, HARVEY, US
[72] DETWEILER, JEFFREY RANKEN, US
[72] GAMBARDELLA, ALBERT JOHN, US
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[54] **DISPOSITIF ELECTRONIQUE PORTATIF MUNI D'UN DISPOSITIF DE DETECTION POUR LA RECONNAISSANCE GESTUELLE**
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[73] BLACKBERRY LIMITED, CA
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[72] LOPEZ DE DIEGO, HEIDI, DK
[73] H. LUNDBECK A/S, DK
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[54] **PROCEDE, DISPOSITIF ET SYSTEME DE TRAITEMENT DE DEFAILLANCE DE LIAISON RADIO**
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[72] WANG, SHUKUN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[72] JONCKERS, TIM HUGO MARIA, BE
[72] RABOISSON, PIERRE JEAN-MARIE, BE
[72] VANDYCK, KOEN, BE
[72] VAN HOOF, STEVEN MAURICE PAULA, BE
[72] HU, LILI, BE
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[54] **PROCEDE ET DISPOSITIF D'APPLICATION DE PRODUIT D'ETANCHEITE**
[72] WAWRZYNIAK, KORTNEY, US
[72] PFAHNL, ANDREAS CARL, US
[72] WHITE, JOHN OWEN, US
[73] DEPUY SYNTHES PRODUCTS, INC., US
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[72] WRONG, DAVID J., CA
[73] MAGNA SEATING INC., CA
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[72] MEYNEN, SANDRA MARIE LOUISE, BE
[73] HUNTSMAN INTERNATIONAL LLC, US
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[54] **VACCIN MENINGOCOQUE A BASE DE LIPOOLIGOSACCHARIDE (LOS) PROVENANT DE SOUCHES MODIFIEES DE NEISSERIA MENINGITIDIS D'IMMUNOTYPE L6**
[72] MISTRETTA, NOELLE, FR
[72] MOREAU, MONIQUE, FR
[72] RENAULD-MONGENIE, GENEVIEVE, FR
[72] ROKBI, BACHRA, FR
[73] SANOFI PASTEUR, FR
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[54] **PROCEDE DE DEPOT DE COUCHE MINCE ET PRODUIT OBTENU**
[72] REYMOND, VINCENT, FR
[72] KHARCHENKO, ANDRIY, FR
[72] NADAUD, NICOLAS, FR
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **SYSTEME ET PROTOCOLE DE CONTROLE QUALITE AUTOMATIQUE DES PROCEDURES DE DIAGNOSTIC CLINIQUES**
[72] PARVIN, CURTIS, US
[72] YUNDT-PACHECO, JOHN, US
[73] BIO-RAD LABORATORIES, INC., US
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[54] **PROCEDE DE PRECIPITATION DE LIGNINE A PARTIR DE LESSIVE NOIRE EN UTILISANT DES DECHETS DE GAZ**
[72] LITTORIN, ANDERS, SE
[72] WALLMO, HENRIK, SE
[72] NORBERG, HANNA, SE
[72] WIMBY, MARTIN, SE
[73] VALMET AB, SE
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[54] **SOLUTIONS DE BROME STABILISEES ET ACTIVEES EN TANT QUE BIOCIDE ET AGENT ANTI-ENCRASSEMENT**
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[72] ZOLKOV, CHEN, IL
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[73] BROMINE COMPOUNDS LTD., IL
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[72] O'BRIEN, VICTORIA MOORE, US
[72] MYERS, BRIAN, US
[72] HOFFMAN, DANIEL R., US
[72] BUEHLER, JOHN D., US
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[54] **DIFFERENTS SEROTYPES DU VIRUS DE LA STOMATITE VESICULAIRE EN TANT QUE VECTEURS D'EXPRESSION POUR DES REGIMES D'IMMUNISATION**
[72] KANG, CHIL-YONG, CA
[72] KIM, GYUONG NYOUN, CA
[73] THE UNIVERSITY OF WESTERN ONTARIO, CA
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[54] **RETRAIT DE MATERIAU FACILITE POUR L'UTILISATEUR DANS DES STRUCTURES COMPOSITES**
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[72] LEA, SCOTT W., US
[72] GEORGESON, GARY E., US
[73] THE BOEING COMPANY, US
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[54] **LENTILLE TORIQUE INTRAOCULAIRE DOTEE DE CARACTERISTIQUES DE PUISSANCE MODIFIEES**
[72] ZHAO, HUAWEI, US
[72] WEEBER, HENDRIK, NL
[72] PIERS, PATRICIA ANN, NL
[73] ABBOTT MEDICAL OPTICS INC., US
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[54] **MUTATION THAT INCREASES THE OLEIC ACID CONTENT IN SOYBEAN OIL AND RESPONSIBLE GENE THEREOF**
[54] **MUTANT PERMETTANT D'AUGMENTER LA QUANTITE D'ACIDE OLEIQUE CONTENU DANS L'HUILE ET LA MATIERE GRASSE DE SOJA ET GENE ASSOCIE**
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[73] SAGA UNIVERSITY, JP
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[54] **ENSEMBLE SERINGUE DE RINCAGE AVEC RINCAGE PULSATOIRE CONTROLE**
[72] KOSINSKI, ANTHONY J., US
[72] TEKESTE, GIRUM YEMANE, US
[72] CHARLES, NICHOLA, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **SOLUTIONS CONTENANT DU POLYETHYLENEGLYCOL ET DES ELECTROLYTES**
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[72] PADFIELD, DAWN, GB
[72] MORRISSEY, FRANCES, GB
[73] NORGINE BV, NL
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[54] **CENTRE DE COMMANDE DE MOTEUR ET SOUS-UNITE ASSOCIEE**
[72] LEEMAN, DANIEL J., US
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[72] HARRIS, MARSHA J., US
[73] EATON CORPORATION, US
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[54] **VISION TESTING AND/OR TRAINING USING ADAPTABLE VISUAL INDICIA**
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[72] REICHOW, ALAN W., US
[73] NIKE INNOVATE C.V., US
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[72] HANAWA, TATSUYA, JP
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[73] TORAY INDUSTRIES, INC., JP
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[54] **DISPOSITIF DE BIOPSIE A MULTIPLES BOUTONS**
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[73] DEVICOR MEDICAL PRODUCTS, INC., US
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[72] LANG, PHILIPP, US
[72] FITZ, WOLFGANG, US
[72] STEINES, DANIEL, US
[73] CONFORMIS, INC., US
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[54] **APPAREIL D'ALIMENTATION ELECTRIQUE DE SECOURS**
[72] MOTH, KLAUS, DK
[73] LEANECO APS, DK
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[54] **PROTEINES LIEES A LA FORME DE GRAIN ET LA FORME DE FEUILLE DE RIZ, GENES CODANTS ET UTILISATIONS DE CELLES-CI**
[72] XIA, XINJIE, CN
[73] INSTITUTE OF SUBTROPICAL AGRICULTURE, CHINESE ACADEMY OF SCIENCES, CN
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[54] **GAS-FIRED WATER HEATER WITH SEPARABLE HEAT EXCHANGER OR DETACHABLY CONNECTED EXTERNAL WATER HEATER**
[54] **CHAUFFE-EAU AU GAZ AVEC ECHANGEUR DE CHALEUR AMOVIBLE OU CHAUFFE-EAU EXTERNE DETACHABLE**
[72] LESAGE, CLAUDE, CA
[72] LESAGE, JEAN-CLAUDE, CA
[73] MICLAU - S.R.I. INC., CA
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[87] (2772442)
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[25] FR
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[54] **COMPOSES ALDEHYDES ET NITRILES ISSUS DE L'ISOPHORONE, AINSI QUE LEUR UTILISATION EN PARFUMERIE**
[72] MURATORE, AGNES, FR
[72] CHANOT, JEAN-JACQUES, FR
[73] V. MANE FILS, FR
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[54] **SYSTEME DE CONTROLE ET DE VERIFICATION D'INVENTAIRE**
[72] ROSS, GRAHAM, US
[73] CAREFUSION 303, INC., US
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[54] **IMPLANT INTERVERTEBRAL COMPORTANT DES ELEMENTS DE FIXATION D'OS EXTENSIBLES**
[72] BRETT, DARRELL C., US
[73] LDR HOLDING CORPORATION, US
[85] 2012-03-08
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[54] **METHOD TO UPGRADE HEAVY OIL IN A TEMPERATURE GRADIENT REACTOR (TGR)**
[54] **PROCEDE DE VALORISATION D'UNE HUILE LOURDE DANS UN REACTEUR A GRADIENT DE TEMPERATURE (TGR)**
[72] LOURENCO, JOSE, CA
[72] MILLAR, MACKENZIE, CA
[73] 1304342 ALBERTA LTD., CA
[73] 1304338 ALBERTA LTD., CA
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[54] **METHOD OF USING A SUSPENSION SMELTING FURNACE, A SUSPENSION SMELTING FURNACE, AND A CONCENTRATE BURNER**
[54] **PROCEDE D'UTILISATION D'UN FOUR DE FUSION A SUSPENSION, FOUR DE FUSION A SUSPENSION, ET BRULEUR A CONCENTRES**
[72] SIPILAE, JUSSI, FI
[72] LAHTINEN, MARKKU, FI
[72] BJORKLUND, PETER, FI
[72] PELTONIEMI, KAARLE, FI
[72] AHOKAINEN, TAPIO, FI
[72] PESONEN, LAURI, P., FI
[72] EKLUND, KAJ, FI
[73] OUTOTEC OYJ, FI
[85] 2012-03-27
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[54] **NEW HISTONE DEACETYLASE INHIBITORS BASED SIMULTANEOUSLY ON TRISUBSTITUTED 1H-PYRROLES AND AROMATIC AND HETEROAROMATIC SPACERS**
[54] **NOUVEAUX INHIBITEURS D'HISTONE DESACETYLASE BASES A LA FOIS SUR DES 1H-PYRROLES TRISUBSTITUES ET DES GROUPES ESPACEURS AROMATIQUES ET HETEROAROMATIQUES**
[72] COSSIO MORA, FERNANDO PEDRO, ES
[72] ZUBIA OLASCOAGA, AIZPEA, ES
[72] VARA SALAZAR, YOSU ION, ES
[72] SAN SEBASTIAN LARZABAL, EIDER, ES
[72] OTAEGUI ANSA, DORLETA, ES
[72] MASDEU MARGALEF, MARIA DEL CARMEN, ES
[72] ALDABA AREVALO, ENEKO, ES
[73] IKERCHEM, S.L., ES
[73] UNIVERSIDAD DEL PAIS VASCO, ES
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[54] **METHOD AND APPARATUS FOR ENDOMETRIAL ABLATION IN COMBINATION WITH INTRAFALLOPIAN CONTRACEPTIVE DEVICES**
[54] **PROCEDE ET APPAREIL POUR ABLATION DE L'ENDOMETRE EN COMBINAISON AVEC DES DISPOSITIFS CONTRACEPTIFS INTRAFALLOPIENS**
[72] SWANN, BETSY, US
[73] BAYER ESSURE INC., US
[85] 2012-03-30
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[54] **SELF-SERVICE CONFIGURATION FOR DATA ENVIRONMENT**
[54] **CONFIGURATION EN LIBRE-SERVICE POUR UN ENVIRONNEMENT DE DONNEES**
[72] MCALISTER, GRANT ALEXANDER MACDONALD, US
[72] SIVASUBRAMANIAN, SWAMINATHAN, US
[72] SHETH, RAJESH SUDHAKAR, US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **CHROMENONE DERIVATIVES WITH ANTI-TUMOUR ACTIVITY**
[54] **DERIVES DE CHROMENONE A ACTIVITE ANTITUMORALE**
[72] BARLAAM, BERNARD CHRISTOPHE, FR
[72] DEGORCE, SEBASTIEN LOUIS, FR
[72] LAMBERT-VAN DER BREMPT, CHRISTINE MARIE PAUL, FR
[72] MORGENTIN, REMY ROBERT, FR
[72] PLE, PATRICK, FR
[73] ASTRAZENECA AB, SE
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[86] 2010-10-25 (PCT/GB2010/051788)
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[54] **COMBINATION**
[54] **ASSOCIATION PHARMACEUTIQUE**
[72] DUMBLE, MELISSA, US
[72] GILMER, TONA, US
[72] KUMAR, RAKESH, US
[72] LAQUERRE, SYLVIE, US
[72] LEBOWITZ, PETER F., US
[72] MORRIS, SHANNON RENAE, US
[73] NOVARTIS AG, CH
[85] 2012-04-05
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[54] **METHODS AND DEVICES FOR UPLINK DIVERSITY TRANSMISSION**
[54] **METHODES ET DISPOSITIFS DE DIVERSITE DE TRANSMISSION SUR LA VOIE ASCENDANTE**
[72] KAZMI, MUHAMMAD, SE
[72] DRUGGE, OSKAR, SE
[72] BERGMAN, JOHAN, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[25] EN
[54] **PROCESS FOR MINERAL OIL PRODUCTION USING SURFACTANT MIXTURES**
[54] **PROCEDE D'EXTRACTION DE PETROLE AU MOYEN DE MELANGES DE TENSIOACTIFS**
[72] BITTNER, CHRISTIAN, DE
[72] OETTER, GUENTER, DE
[72] TINSLEY, JACK, DE
[72] SPINDLER, CHRISTIAN, DE
[72] ALVAREZ JUERGENSON, GABRIELA, DE
[72] VOGEL, SOPHIE, DE
[73] BASF SE, DE
[85] 2012-04-12
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[25] FR
[54] **COMPUTER SYSTEM FOR ACCESSING CONFIDENTIAL DATA BY MEANS OF AT LEAST ONE REMOTE UNIT AND REMOTE UNIT**
[54] **SYSTEME INFORMATIQUE D'ACCES A DES DONNEES CONFIDENTIELLES PAR AU MOINS UN BOITIER DISTANT, BOITIER DISTANT**
[72] GADOUCHE, KAMEL, FR
[72] DEBONNEL, ERIC, FR
[73] GROUPE DES ECOLES NATIONALES D'ECONOMIE ET STATISTIQUE, FR
[85] 2012-04-12
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[25] EN
[54] **ABRASIVE AGENT BASED ON NATURAL RAW INGREDIENTS, HAVING PROPERTIES IMPROVING RHEOLOGY**
[54] **AGENTS ABRASIFS A BASE DE MATIERES PREMIERES D'ORIGINE NATURELLE POSSEDANT DES PROPRIETES AMELIORANT LA RHEOLOGIE**
[72] ALLEF, PETRA, DE
[72] VEEGER, MARCEL, DE
[72] ROECHER, WOLFGANG, DE
[72] WIECHERS, SUSANN, DE
[72] LANDGRAF, ANDREAS, DE
[73] DEB IP LIMITED, GB
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[54] **LINE PIPE TRAY**
[54] **PLATEAU POUR TUYAU DE CANALISATION**
[72] HOLTBY, QUINN A.J., CA
[72] GREENWOOD, DALLAS LAIRD, CA
[73] KATCH KAN HOLDINGS LTD., CA
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[25] EN
[54] **POSITIVE ALLOSTERIC MODULATORS (PAM)**
[54] **MODULATEURS ALLOSTERIQUES POSITIFS (MAP)**
[72] GREEN, LUKE, CH
[72] GUBA, WOLFGANG, DE
[72] JAESCHKE, GEORG, CH
[72] JOLIDON, SYNESE, CH
[72] LINDEMANN, LOTHAR, CH
[72] RICCI, ANTONIO, CH
[72] RUEHER, DANIEL, FR
[72] STADLER, HEINZ, CH
[72] VIEIRA, ERIC, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
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[51] **Int.Cl. A23G 9/16 (2006.01) A23G 9/44 (2006.01) A23G 9/48 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING FROZEN CONFECTIONERY PRODUCTS**
[54] **PROCEDE DE PRODUCTION DE PRODUITS DE CONFISERIE CONGELES**
[72] ALDRED, ALEXANDER, GB
[72] CHAMBERLAIN, DOROTHY MARGARET, GB
[73] UNILEVER PLC, GB
[85] 2012-04-19
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[54] **HOME APPLIANCE WITH UNITARY BAKE ELEMENT RETAINER**
[54] **APPAREIL ELECTROMENAGER AVEC DISPOSITIF DE RETENUE D'ELEMENT DE CUISSON UNITAIRE**
[72] BRADEN, BEN, US
[72] HANNA, CHARLIE, US
[72] RUSSELL, TIMOTHY, US
[72] RUTHERFORD, MICHAEL, US
[73] BSH HOME APPLIANCES CORPORATION, US
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[54] **REACTOR FOR PRODUCING PHARMACEUTICAL PARTICLES IN A PRECIPITATION PROCESS**
[54] **REACTEUR UTILISABLE A DES FINS DE PRODUCTION DE PARTICULES PHARMACEUTIQUES PAR UN PROCESSUS DE PRECIPITATION**
[72] GANDHI, SANKET, US
[72] MORALEDA, KAREN, US
[72] JACHOWICZ, JADWIGA, US
[72] ZUPON, MICHAEL, US
[73] MANNKIND CORPORATION, US
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[54] **SELF-LOCKING SCREWING ATTACHMENT DEVICE AND ASSEMBLY PROVIDED WITH SAME**
[54] **DISPOSITIF DE FIXATION VISSANT AUTO-VERROUILLABLE ET ASSEMBLAGE AINSI EQUIPE**
[72] MARC, DAMIEN, FR
[73] JPB SYSTEME, FR
[85] 2012-05-04
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[25] EN
[54] **METHOD FOR MOUNTING A RANGING ARM ON A BODY OF A LONGWALL SHEARER LOADER**
[54] **PROCEDE POUR MONTER UN BRAS D'ECARTEMENT SUR UN CORPS D'UNE HAVEUSE-CHARGEUSE A LONGUE PAROI**
[72] BEDNARZ, RYSZARD, PL
[72] GWIAZDZINSKI, PAWEL, PL
[72] GONSIOR, LUKASZ, PL
[72] OLSZANSKI, MAREK, PL
[73] FAMUR SPOLKA AKCYJNA, PL
[73] FAMUR INSTITUTE SP. Z.O.O., PL
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[25] EN
[54] **SECURITY ELEMENT, VALUE DOCUMENT HAVING SUCH A SECURITY ELEMENT, AND MANUFACTURING METHOD FOR A SECURITY ELEMENT**
[54] **ELEMENT DE SECURITE, DOCUMENT DE VALEUR PRESENTANT UN TEL ELEMENT DE SECURITE, ET PROCEDE DE PRODUCTION D'UN ELEMENT DE SECURITE**
[72] FUHSE, CHRISTIAN, DE
[72] HEIM, MANFRED, DE
[72] RAHM, MICHAEL, DE
[72] RAUCH, ANDREAS, DE
[72] BICHLMEIER, STEFAN, DE
[73] GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH, DE
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[30] DE (10 2009 056 932.4) 2009-12-04
[30] DE (10 2010 047 250.6) 2010-10-04

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[25] EN
[54] **IMPROVING RECOVERY FROM A SUBSURFACE HYDROCARBON RESERVOIR**
[54] **AMELIORATION DE LA RECUPERATION A PARTIR D'UN RESERVOIR D'HYDROCARBURES DE SUBSURFACE**
[72] SCOTT, GEORGE R., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2780670)
[87] (2780670)
[22] 2012-06-22

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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SINGLE-CHAIN VARIABLE FRAGMENT (SCFV) ABLE TO RECOGNIZE AND BIND CD99 HUMAN PROTEIN**
[54] **FRAGMENT VARIABLE SIMPLE CHAINE (SCFV) CAPABLE DE RECONNAITRE ET DE SE LIER A LA PROTEINE CD99 HUMAINE**
[72] PICCI, PIERO, IT
[72] SCOTLANDI, KATIA, IT
[72] ASCIONE, ALESSANDRO, IT
[72] CIANFRIGLIA, MAURIZIO, IT
[72] DUPUIS, MARIA LUISA, IT
[72] FLEGO, MICHELA, IT
[72] GELLINI, MARA, IT
[72] MALLANO, ALESSANDRA, IT
[73] ISTITUTO ORTOPEDICO RIZZOLI, IT
[73] ISTITUTO SUPERIORE DI SANITA', IT
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[25] EN
[54] **METHOD OF ISOLATING COLUMN LOADING AND MITIGATING DEFORMATION OF SHAPED METAL VESSELS**
[54] **PROCEDE D'ISOLEMENT D'UN CHARGEMENT EN COLONNE ET ATTENUATION D'UNE DEFORMATION DE RECIPIENTS METALLIQUES FORMES**
[72] ADAMS, JOHN E., US
[72] TOSINI, GIANCARLO, IT
[73] THE COCA-COLA COMPANY, US
[85] 2012-05-11
[86] 2010-11-02 (PCT/US2010/055052)
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[25] EN
[54] **WEAR PART DEVICE FOR A WORK TOOL**
[54] **DISPOSITIF D'ELEMENT D'USURE POUR UN OUTIL DE TRAVAIL**
[72] SKJAEVELAND, MAGNE, NO
[73] KVERNELAND GROUP OPERATIONS NORWAY AS, NO
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[54] **NONWOVEN FABRIC, METHOD FOR PRODUCING THE SAME, AND FILTER FORMED WITH THE SAME**
[54] **TISSU NON TISSE, SA METHODE DE FABRICATION ET FILTRE FAIT DE CE TISSU**
[72] NG, YING YUK, CN
[72] CRAIG, GILBERT, US
[73] FAIRTECH INVESTMENT LIMITED, HK
[85] 2012-05-18
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[54] **CRYSTALLINE FORMS OF 3-(2,6-DICHLORO-3,5-DIMETHOXY-PHENYL)-1-{6-[4-(4-ETHYL-PIPERAZIN-1-YL)-PHENYLAMINO]-PYRIMIDIN-4-YL}-1-METHYL-UREA AND SALTS THEREOF**
[54] **FORMES CRISTALLINES DE LA 3-(2,6-DICHLORO-3,5-DIMETHOXY-PHENYL)-1-{6-[4-(4-ETHYL-PIPERAZIN-1-YL)-PHENYLAMINO]-PYRIMIDIN-4-YL}-1-METHYL-UREE ET DE SES SELS**
[72] BERGHAUSEN, JOERG, CH
[72] KAPA, PRASAD KOTESWARA, US
[72] MCKENNA, JOSEPH, US
[72] SLADE, JOEL, US
[72] WU, RAEANN, US
[72] DU, ZHENGMING, US
[72] STOWASSER, FRANK, CH
[73] NOVARTIS AG, CH
[85] 2012-05-18
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[51] **Int.Cl. B64C 11/06 (2006.01) F04D 29/36 (2006.01)**
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[54] **PROPELLER HUB HAVING A REINFORCED POLYGONAL RING AND TURBINE ENGINE PROVIDED WITH SUCH A HUB**
[54] **MOYEU D'HELICE A ANNEAU POLYGONAL RENFORCE ET TURBOMACHINE EQUIPEE D'UN TEL MOYEU**
[72] BOSTON, ERIC JACQUES, FR
[72] BOURU, MICHEL ANDRE, FR
[72] JABLONSKI, LAURENT, FR
[72] JOLY, PHILIPPE GERARD EDMOND, FR
[73] SNECMA, FR
[85] 2012-05-29
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[54] **METHOD FOR MEASURING ROCK WETTABILITY**
[54] **PROCEDE PERMETTANT DE MESURER LA MOUILLABILITE D'UNE ROCHE**
[72] CHEN, QUAN, GB
[72] COLLINS, IAN RALPH, GB
[73] BP EXPLORATION OPERATING COMPANY LIMITED, GB
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[54] **ANTIPARASITIC DIHYDROAZOLE COMPOUNDS AND COMPOSITIONS COMPRISING SAME**
[54] **DIHYDROAZOLES ANTIPARASITAIRES ET COMPOSITIONS LES INCLUANT**
[72] LE HIR DE FALLOIS, LOIC PATRICK, US
[72] LEE, HYOUNG IK, US
[72] WILKINSON, DOUGLAS EDWARD, US
[72] BECK, BRENT CHRISTOPHER, US
[73] MERIAL, INC., US
[85] 2012-06-12
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[54] **VEHICULAR BODY ASSEMBLY LOCKING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE VERROUILLAGE D'ENSEMBLE CARROSSERIE DE VEHICULE**
[72] KILIBARDA, VELIBOR, US
[73] COMAU LLC, US
[85] 2012-06-13
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[54] **VARIATOR LOCKOUT VALVE SYSTEM**
[54] **SYSTEME DE VANNE DE VERROUILLAGE DE VARIATEUR**
[72] LONG, CHARLES F., US
[72] WEBER, DARREN J., US
[72] FULLER, JOHN WILLIAM EDWARD, GB
[73] ALLISON TRANSMISSION, INC., US
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[54] **FAIL-TO-NEUTRAL SYSTEM AND METHOD FOR A TOROIDAL TRACTION DRIVE AUTOMATIC TRANSMISSION**
[54] **SYSTEME ET PROCEDE DE DETECTION DE FAUX POINT MORT POUR UNE BOITE DE VITESSES AUTOMATIQUE A ENTRAINEMENT TOROIDAL**
[72] LONG, CHARLES F., US
[72] WEBER, DARREN, J., US
[72] FULLER, JOHN WILLIAM EDWARD, GB
[73] ALLISON TRANSMISSION, INC., US
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[25] EN
[54] **PYRROLOPYRIDINYLPYRIMIDIN-2-YLAMINE DERIVATIVES**
[54] **DERIVES DE PYRROLOPYRIDINYLPYRIMIDIN-2-YL-AMINE**
[72] WUCHERER-PLIETKER, MARGARITA, DE
[72] ESDAR, CHRISTINA, DE
[72] HODOUS, BRIAN, US
[73] MERCK PATENT GMBH, DE
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[54] **DUAL USE COOLING SYSTEMS**
[54] **SYSTEMES DE REFROIDISSEMENT A DOUBLE USAGE**
[72] GAO, LIJUN, US
[72] CHIEN, CHIN-HSI, US
[72] LIU, SHENGYI, US
[73] THE BOEING COMPANY, US
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[25] EN
[54] **AMINOALKYLPYRIMIDINE DERIVATIVES AS HISTAMINE H4 RECEPTOR ANTAGONISTS**
[54] **DERIVES D'AMINOALKYLPYRIMIDINE AU TITRE D'ANTAGONISTES DU RECEPTEUR HISTAMINIQUE H4**
[72] CARCELLER GONZALEZ, ELENA, ES
[72] VIRGILI BERNADO, MARINA, ES
[72] SOLIVA SOLIVA, ROBERT, ES
[72] FERRER COSTA, CARLES, ES
[73] MEDICIS PHARMACEUTICAL CORPORATION, US
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[54] **PRIORITIZATION OF TRAFFIC SIGNAL PREEMPTION REQUESTS RECEIVED FROM MULTIPLE SOURCES OVER DIFFERENT COMMUNICATION MEDIUMS**
[54] **HIERARCHISATION DE DEMANDES DE PRIORITE DE SIGNAUX DE TRAFIC RECUES DE PLUSIEURS SOURCES PAR LE BIAIS DE DIFFERENTS SUPPORTS DE COMMUNICATION**
[72] EICHHORST, KEVIN, US
[73] GLOBAL TRAFFIC TECHNOLOGIES, LLC, US
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[54] **OVEN EXHAUST HOOD METHODS, DEVICES, AND SYSTEMS**
[54] **PROCEDES, DISPOSITIFS, ET SYSTEMES SE RAPPORTANT A UNE HOTTE D'ASPIRATION POUR FOUR**
[72] BAGWELL, RICK A., US
[72] LIVCHAK, ANDREY V., US
[72] MEREDITH, PHILIP J., US
[72] SCHROCK, DEREK W., US
[72] FALLER, ANDREW C., US
[72] BEARDSLEE, DARRIN W., US
[73] OY HALTON GROUP LTD., FI
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[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE FAISCEAU REFROIDI**
[72] BAGWELL, RICK A., US
[72] SUMMANEN, JANNE, FI
[72] LIVCHAK, ANDREY V., US
[73] OY HALTON GROUP LTD., FI
[85] 2012-07-13
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[54] **COAXIAL SPEAKER SYSTEM HAVING A COMPRESSION CHAMBER**
[54] **SYSTEME DE HAUT-PARLEUR COAXIAL A CHAMBRE DE COMPRESSION**
[72] FLAVIGNARD, YOANN, FR
[72] LESAGE, PHILIPPE, FR
[72] LEROUX, ARTHUR, FR
[72] CLEVY, NICOLAS, FR
[72] TEBEC, JEAN-LOUIS, FR
[72] HAYNE, BENEDICTE, FR
[73] PHL AUDIO, FR
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[54] **SERVICES SAR BASES SUR SATELLITES**
[72] TRAUTENBERG, HANS L., DE
[73] ASTRIUM GMBH, DE
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[25] EN
[54] **VEHICLE COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT DE VEHICULE**
[72] BERG, JEFFREY J., US
[72] PIERCE, TROY A., US
[73] POLARIS INDUSTRIES INC., US
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[54] **STABILISATION DE LA COMBUSTION DE L'OXYGENE ET D'UN GAZ DE COMBUSTION**
[72] BOOL, LAWRENCE, US
[72] LAUX, STEFAN E.F., US
[72] TIAN, KELLY FANGMEI, US
[73] PRAXAIR TECHNOLOGY, INC., US
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[54] **TEST CONTROLLER FOR A ROTARY PUMP**
[54] **COMMANDE DE TEST POUR POMPE ROTATIVE**
[72] LEHMANN, KIRK A., DE
[72] MARSEILLE, OLIVER K., DE
[72] VOHBURGER, CHRISTIAN W., DE
[73] CIRCULITE, INC., US
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[54] **EMBALLAGE SOUPLE CONCU PARTICULIEREMENT POUR DES PRODUITS LIQUIDES**
[72] GOGLIO, FRANCO, IT
[73] GOGLIO S.P.A., IT
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[54] **DERIVES DE 7-AZONIABICYCLO[2.2.1]HEPTANE, PROCEDES DE PRODUCTION, ET UTILISATION PHARMACEUTIQUES DE CEUX-CI**
[72] PFISTER, JURG R., US
[72] RESCOURIO, GWENAELLA, US
[72] VENKATRAMAN, MEENAKSHI S., US
[72] ZHANG, XIAOMING, US
[73] THERON PHARMACEUTICALS, INC., US
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[54] **EASY-CLEAN COOKING SURFACE AND CULINARY ARTICLE OR DOMESTIC ELECTRICAL APPLIANCE COMPRISING SUCH A COOKING SURFACE**
[54] **SURFACE DE CUISSON FACILE A NETTOYER ET ARTICLE CULINAIRE OU APPAREIL ELECTROMENAGER COMPORTANT UNE TELLE SURFACE DE CUISSON**
[72] TUFFE, STEPHANE, FR
[72] PIERSON, JEAN-FRANCOIS, FR
[73] SEB S.A., FR
[73] UNIVERSITE DE LORRAINE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **SYSTEM AND METHOD FOR MONITORING TIME INTERVALS DURING BLOOD PARAMETER MONITORING**
[54] **SYSTEME ET PROCEDE DE CONTROLE DE L'INTERVALLE TEMPOREL LORS DE CONTROLES DE PARAMETRES SANGUINS**
[72] MAIER, HANS-OTTO, DE
[72] DONHOFF, TORSTEN, TZ
[72] SCHMOLL, HORST, DE
[72] PAETZOLD, MATTHIAS, DE
[73] B. BRAUN MELSUNGEN AG, DE
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[86] 2011-03-03 (PCT/EP2011/053244)
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[25] FR
[54] **INHIBITOR OLIGONUCLEOTIDES AND THEIR USE FOR SPECIFIC REPRESSION OF A GENE**
[54] **OLIGONUCLEOTIDES INHIBITEURS ET LEUR UTILISATION POUR REPRIMER SPECIFIQUEMENT UN GENE**
[72] HAREL-BELLAN, ANNICK, FR
[72] AIT-SI-ALI, SLIMANE, FR
[72] CABON-GEORGET, FLORENCE, FR
[72] CHAUCHEREAU, ANNE, FR
[72] DAUTRY, FRANCOIS, FR
[72] MARTINEZ, LUIS, FR
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[25] EN
[54] **VEGETATION ELEMENT FOR GREENING ARTIFICIAL OR NATURAL SURFACES HAVING LOW AND/OR HIGH PLANTS AND METHOD FOR PRODUCING THE VEGETATION ELEMENT**
[54] **ELEMENT POUR VEGETATION DESTINE A CREER DES ESPACES VERTS ARTIFICIELS OU NATURELS AVEC DES PLANTES BASSES ET/OU PLUS HAUTES ET PROCEDE POUR LA CREATION DE L'ELEMENT POUR VEGETATION**
[72] BEHRENS, WOLFGANG, DE
[73] XF TECHNOLOGIES B.V., NL
[85] 2012-08-10
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[54] **INDICATEUR DE POSITION DE DISJONCTEUR A REENCLENCHEMENT**
[72] BINKLEY, KERRY BRENT, US
[73] ABB TECHNOLOGY AG, CH
[85] 2012-08-14
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[54] **SYSTEME AERIEN DE LUTTE CONTRE L'INCENDIE**
[72] LEMKE, TRENT, CA
[72] WILCOX, A. WARREN, US
[73] ASCENT HELICOPTERS LTD., CA
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[25] EN
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[54] **SYSTEME ET METHODE DE CONFIGURATION DE DISPOSITIF SANS FIL**
[72] ARDIRI, AARON, DE
[72] HELLERBRAND, STEPHAN, DE
[73] BLACKBERRY LIMITED, CA
[86] (2790259)
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[22] 2012-09-06
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[54] **PROCEDE ET DISPOSITIF D'ADAPTATION EN PUISSANCE DE SIGNAUX DE REFERENCE**
[72] HU, YANG, CN
[72] ASTELY, DAVID, SE
[72] JONGREN, GEORGE, SE
[72] WANG, JIANFENG, CN
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **DISPOSITIF A MICRO-AIGUILLES ET SON PROCEDE DE PREPARATION**
[72] MATSUDO, TOSHIYUKI, JP
[72] NISHIMURA, SHINPEI, JP
[72] TOKUMOTO, SEIJI, JP
[72] MORIMOTO, KUMI, JP
[73] HISAMITSU PHARMACEUTICAL CO., INC., JP
[85] 2012-08-22
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[25] EN
[54] **CYCLONIC SEPARATION APPARATUS**
[54] **APPAREIL DE SEPARATION CYCLONIQUE**
[72] SMITH, KEVIN, GB
[73] BLACK & DECKER INC., US
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[54] **A MOTOR, FAN AND CYCLONIC SEPARATION APPARATUS ARRANGEMENT**
[54] **UN DISPOSITIF D'APPAREIL DE SEPARATION CYCLONIQUE, MOTEUR ET VENTILATEUR**
[72] SMITH, KEVIN, GB
[73] BLACK & DECKER INC., US
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[54] **A HAND-HOLDABLE VACUUM CLEANER**
[54] **UN ASPIRATEUR MANUEL**
[72] SMITH, KEVIN, GB
[73] BLACK & DECKER INC., US
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[54] **FONCTIONNEMENTS AMELIORES DE POIGNEE DECONNECTEE**
[72] HAMILTON, JONATHAN K., US
[72] MORRIS, ROBERT A., US
[72] YEE, EDGAR, US
[73] EATON CORPORATION, US
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[54] **METHOD AND SYSTEM FOR TIME SYNCHRONIZATION OF PHASE OF SIGNALS FROM RESPECTIVE MEASUREMENT DEVICES**
[54] **METHODE ET SYSTEME DE SYNCHRONISATION TEMPORELLE DE PHASE DE SIGNAUX PROVENANT DE DISPOSITIFS DE MESURE RESPECTIFS**
[72] RIENDEAU, SYLVAIN, CA
[72] LEONARD, FRANCOIS, CA
[72] PICHER, PATRICK, CA
[72] GAUVIN, MICHEL, CA
[72] BERTRAND, HUGO, CA
[72] DUPONT, LOUIS, CA
[73] HYDRO-QUEBEC, CA
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[54] **DISPOSITIF IMPLANTABLE POUR ADMINISTRATION DE MEDICAMENTS A LONG TERME**
[72] MARTIN, FRANCIS J., US
[72] KANG, LING-LING, US
[73] DELPOR, INC., US
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[54] **POSITIONING SYSTEM USING PSEUDOLITES OPERATING IN ASSISTED MODE**
[54] **SYSTEME DE POSITIONNEMENT PAR PSEUDOLITES FONCTIONNANT EN MODE ASSISTE**
[72] MONNERAT, MICHEL, FR
[73] THALES, FR
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[54] **CELL PREPARATION CONTAINING MESENCHYMAL STEM CELLS, AND METHOD FOR PRODUCING SAME**
[54] **PREPARATION DE CELLULES CONTENANT DES CELLULES SOUCHES MESENCHYMATEUSES ET PROCEDE DE PRODUCTION DE CELLES-CI**
[72] KATO, YUKIO, JP
[72] SHAO, JIN CHANG, JP
[72] HARA, MAIKO, JP
[72] TSUCHIYA, TOSHIE, JP
[72] TSUJI, KOICHIRO, JP
[73] TWO CELLS CO., LTD., JP
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[54] **METHOD FOR PRODUCING A METAL INSERT TO PROTECT A LEADING EDGE MADE OF A COMPOSITE MATERIAL**
[54] **PROCEDE DE REALISATION D'UN INSERT METALLIQUE POUR LA PROTECTION D'UN BORD D'ATTAQUE EN MATERIAU COMPOSITE**
[72] FRANCHET, JEAN-MICHEL PATRICK MAURICE, FR
[72] KLEIN, GILLES CHARLES CASIMIR, FR
[73] SNECMA, FR
[85] 2012-09-14
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[54] **SYSTEMES D'ASSAINISSEMENT D'AIR ET DE SECURITE SUPER INTEGRES (SISACS)**
[72] INNES, STUART MARTIN, AU
[73] SISACS HOLDINGS LTD., NZ
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[54] **TREATMENT OF ORGANIC WASTE**
[54] **TRAITEMENT DES DECHETS ORGANIQUES**
[72] PUAH, CHUM MOK, SG
[72] SIM, ENG TONG, SG
[72] CHUA, SIOK LUI, SG
[73] BIOMAX HOLDINGS PTE LTD, SG
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[54] **METHOD OF MANUFACTURING AN ELONGATE INSERT MADE OF A METAL MATRIX COMPOSITE**
[54] **METHODE DE FABRICATION D'UN INSERT DE FORME ALLONGEE EN MATERIAU COMPOSITE A MATRICE METALLIQUE**
[72] FRANCHET, JEAN-MICHEL PATRICK MAURICE, FR
[72] KLEIN, GILLES CHARLES CASIMIR, FR
[72] MASSON, RICHARD, FR
[72] SALVAT, LOUIS, FR
[73] SNECMA, FR
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[54] **DOWNHOLE ACTUATING APPARATUS**
[54] **APPAREIL DE COMMANDE POUR FOND DE TROU**
[72] SMITH, COLIN, GB
[72] PURKIS, DANIEL GEORGE, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **ENSEMBLE POIGNEE REGLABLE AVEC MECANISME DE VERROUILLAGE**
[72] GIRARD, MYLENE, CA
[72] VALLIERES, CHARLES, CA
[73] SHAPE WLB INC., CA
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[54] **METHODES DE PURIFICATION D'UN AZACYCLOHEXAPEPTIDE OU DE SON SEL**
[72] ZHUO, ZHONGHAO, CN
[72] TANG, ZHIJUN, CN
[72] XU, TIANHUI, CN
[72] LI, MING, CN
[72] JI, XIAOMING, CN
[72] GAO, XIAOLIANG, CN
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[54] **APPAREIL DE DETECTION D'ECLAIR D'ARC ET SYSTEME ELECTRIQUE INCLUANT CELUI-CI**
[72] YANNIELLO, ROBERT, US
[73] EATON CORPORATION, US
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[54] **CONTENANT AYANT DES ELEMENTS DE SOUTIEN STATIONNAIRES POUR SUPPORTER UN ELEMENT D'ARRIMAGE**
[72] BRADFORD, JUDSON A., US
[72] FEENSTRA, MARK J., US
[72] BURNS, ALLEN L., US
[72] BRUINSMA, ERIC S., US
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[72] PRADHAN, ANSHU, US
[72] ROZBICKI, ROBERT, US
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[54] **APPARATUS AND METHODS FOR SPREADING FIBER BUNDLES FOR THE CONTINUOUS PRODUCTION OF PREPREG**
[54] **APPAREIL ET PROCEDES D'ETALEMENT DE FAISCEAUX DE FIBRES POUR LA PRODUCTION CONTINUE DE PRE-IMPREGNE**
[72] JUNKER, SHAWN WALDEN, US
[72] POH, SHAUN MICHAEL, US
[72] YEE, PING, US
[72] ROGERS, SCOTT ALFRED, US
[72] VANHORNE, THOMAS A., US
[73] CYTEC TECHNOLOGY CORP., US
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[54] **SIDING AND ROOFING PANELS AND METHOD FOR MOUNTING SAME**
[54] **PANNEAU DE PAREMENT ET DE TOIT ET METHODE DE FIXATION DE CEUX-CI**
[72] GAUDREAU, MICHEL, CA
[72] PICHE, MATHIEU, CA
[72] FORGET, MARTIN, CA
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[72] VOSSOUGHI, SOHRAB, US
[72] KNAUB, DAVID RANDALL, US
[72] DIERINGER, KEN, US
[73] ARIA ENTERPRISES, INC., US
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[54] **CATIONIC LIPID**
[54] **LIPIDE CATIONIQUE**
[72] KUBOYAMA, TAKESHI, JP
[72] ERA, TOMOHIRO, JP
[72] NAOI, TOMOYUKI, JP
[73] KYOWA HAKKO KIRIN CO., LTD., JP
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[54] **REACTEUR A MEMBRANE POUR LE TRAITEMENT DE GAZ CONTENANT DU TRITIUM**
[72] TOSTI, SILVANO, IT
[72] GHIRELLI, NICOLAS, FR
[72] BORGOGNONI, FABIO, IT
[72] TRABUC, PIERRE, FR
[72] SANTUCCI, ALESSIA, IT
[72] LIGER, KARINE, FR
[72] MARINI, FABRIZIO, IT
[73] ENEA - AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE, IT
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **MODIFIED PARVOVIRUS HAVING ENHANCED ANTI-TUMOUR EFFICACY**
[54] **PARVOVIRUS MODIFIE PRESENTANT UNE PLUS GRANDE EFFICACITE ANTITUMORALE**
[72] SALOME, NATHALIE, DE
[72] DINSART, CHRISTIANE, DE
[72] MICHEL, NADINE, DE
[72] ROMMELAERE, JEAN, DE
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
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[54] **PREPARATION ET DISTRIBUTION DE BOISSON MELANGEE**
[72] SCHOLVINCK, MICHIEL OLIVIER, NL
[72] STERNGOLD, EDOUARD, MT
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[54] **ENCAPSULATION D'ADRESSE DE RESEAU ASYMETRIQUE**
[72] DUNBAR, LINDA, US
[72] YIN, GUOLI, CA
[72] XIONG, YIJUN, US
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[30] US (61/359,736) 2010-06-29
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[54] **CLASSIFICATION DE CHOCS A PARTIR DE DONNEES DE CAPTEUR**
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[72] MIELE, VINCENT J., US
[72] BARTSCH, ADAM J., US
[73] THE CLEVELAND CLINIC FOUNDATION, US
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[54] **THERAPEUTIC AGENT OR PROPHYLACTIC AGENT FOR NEUROPATHIC PAIN**
[54] **AGENT THERAPEUTIQUE OU PROPHYLACTIQUE POUR DOULEUR NEUROPATHIQUE**
[72] IZUMIMOTO, NAOKI, JP
[72] MOCHIZUKI, HIDENORI, JP
[73] TORAY INDUSTRIES, INC., JP
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[54] **DISPOSITIF DE MANDRIN DE POLISSAGE CHIMICO-MECANIQUE**
[72] CHEN, WEI, CN
[72] LIAO, CHUIXIN, CN
[72] WANG, DONGHUI, CN
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[54] **APPAREIL DESTINE A ETRE UTILISE EN ELECTROAFFINAGE ET EN ELECTROEXTRACTION**
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[73] OUTOTEC OYJ, FI
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[54] **SYSTEME ET PROCEDE DE PRODUCTION DE DIOXYDE DE CARBONE**
[72] HALL, JOHN C., US
[72] GALASSO, D. ANTHONY, US
[72] MAGNUSON, JON A., US
[73] THE BOEING COMPANY, US
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[54] **CONNECTEUR ET DISPOSITIF ELECTRONIQUE**
[72] NAGATA, TAKAYUKI, JP
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[73] HOSIDEN CORPORATION, JP
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[51] **Int.Cl. C21B 13/02 (2006.01)**
[25] EN
[54] **REFORMER TUBE APPARATUS HAVING VARIABLE WALL THICKNESS AND ASSOCIATED METHOD OF MANUFACTURE**
[54] **APPAREIL DE TUBE DE REFORMEUR AYANT UNE EPAISSEUR DE PAROI VARIABLE ET PROCEDE DE FABRICATION ASSOCIE**
[72] CROUCH, PHILIP, US
[72] GAPINSKI, GERALD, US
[72] SMICKLEY, ROBERT, US
[72] VOELKER, BRIAN W., US
[72] WHITTEN, GILBERT Y., US
[73] MIDREX TECHNOLOGIES, INC., US
[73] METALTEK INTERNATIONAL, INC., US
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[25] EN
[54] **SYSTEM AND METHOD FOR ROTATING A USER INTERFACE FOR A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE POUR FAIRE TOURNER UNE INTERFACE UTILISATEUR POUR DISPOSITIF MOBILE**
[72] DELUCA, MICHAEL JOSEPH, US
[73] BLACKBERRY LIMITED, CA
[85] 2013-03-07
[86] 2011-09-21 (PCT/US2011/052611)
[87] (WO2012/040363)
[30] EP (10178685.3) 2010-09-23
[30] US (12/888,915) 2010-09-23

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[54] **METHOD AND DEVICE FOR THE WET GLUING OF WOOD FIBRES**
[54] **PROCEDE ET DISPOSITIF D'ENCOLLAGE HUMIDE DE FIBRES DE BOIS**
[72] SPERLICH, DANIEL, DE
[72] DROEGE, PETER, DE
[73] SWISS KRONO TEC AG, CH
[85] 2013-08-12
[86] 2011-08-30 (PCT/EP2011/004348)
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[54] **SHUTTLE FOR AUTOMATED WAREHOUSE**
[54] **DESSERTE POUR ENTREPOT AUTOMATISE**
[72] HORTIG, PHILIPP J., US
[72] DEMAN, STEVEN M., US
[72] YAMASHITA, SHIN, DE
[72] HALLBERG, LARS, DE
[72] HUMMEL, CLEMENS, DE
[73] DEMATIC GMBH, DE
[85] 2013-03-13
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[30] US (61/388,252) 2010-09-30
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[51] **Int.Cl. B23Q 39/04 (2006.01)**
[25] EN
[54] **VESSEL FORMING PRODUCTION LINE**
[54] **LIGNE DE PRODUCTION POUR FORMATION DE RECIPIENTS**
[72] SANTAMARIA, ALEJANDRO, US
[72] ADAMS, JOHN E., US
[72] ALLEN, KATHERINE, US
[72] BIONDICH, SCOTT, US
[72] ESPINEL, KARINA R., US
[72] KOLLS, BROCK H., US
[72] RAJESH, GOPALASWAMY, US
[73] THE COCA-COLA COMPANY, US
[85] 2013-04-12
[86] 2010-09-28 (PCT/US2010/050489)
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[30] US (12/577,303) 2009-10-12

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[51] **Int.Cl. B23Q 41/06 (2006.01) G06Q 50/04 (2012.01) B21D 51/18 (2006.01)**
[25] EN
[54] **METHOD OF CONFIGURING A PRODUCTION LINE TO MASS CUSTOMIZE SHAPED VESSELS**
[54] **PROCEDE POUR CONFIGURER UNE LIGNE DE PRODUCTION POUR PERSONNALISER A GRANDE ECHELLE LA FORME DE CONTENANTS**
[72] ESPINEL, R. KARINA, US
[72] ADAMS, JOHN E., US
[72] ALLEN, KATHERINE, US
[72] BIONDICH, SCOTT, US
[72] KOLLS, H. BROCK, US
[72] RAJESH, GOPALASWAMY, US
[72] SANTAMARIA, ALEJANDRO, US
[73] THE COCA-COLA COMPANY, US
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[86] 2010-09-21 (PCT/US2010/049591)
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[25] EN
[54] **STEEL SHEET FOR HOT PRESSING AND METHOD FOR MANUFACTURING HOT-PRESSED MEMBER USING THE SAME**
[54] **FEUILLE D'ACIER POUR PRESSAGE A CHAUD ET PROCEDE DE FABRICATION D'UN ELEMENT PRESSE A CHAUD A L'AIDE DE LA FEUILLE D'ACIER POUR PRESSAGE A CHAUD**
[72] NAKAJIMA, SEIJI, JP
[72] MIYOSHI, TATSUYA, JP
[72] NAKAMARU, HIROKI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-05-09
[86] 2011-11-18 (PCT/JP2011/076636)
[87] (WO2012/070482)
[30] JP (2010-261928) 2010-11-25
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[25] EN
[54] **2-PIPERAZIN-1-YL-4H-1,3-BENZOTHIAZIN-4-ONE DERIVATIVES AND THEIR USE FOR THE TREATMENT OF MAMMALIAN INFECTIONS**
[54] **DERIVES DE 2-PIPERAZIN-1-YL-4H-1,3-BENZOTHIAZIN-4-ONE ET LEUR UTILISATION POUR LE TRAITEMENT D'INFECTIONS MAMMALIENNES**
[72] MAKAROV, VADIM, RU
[72] COLE, STEWART, CH
[73] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
[85] 2013-05-14
[86] 2011-11-21 (PCT/IB2011/055209)
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[25] EN
[54] **ATMOSPHERIC BALL INJECTING APPARATUS, SYSTEM AND METHOD FOR WELLBORE OPERATIONS**
[54] **APPAREIL D'INJECTION DE BALLES ATMOSPHERIQUES, SYSTEME ET PROCEDE POUR OPERATIONS DE FORAGE DE PUITS**
[72] CORBEIL, JASON, CA
[73] GE OIL & GAS CANADA INC., US
[86] (2818250)
[87] (2818250)
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[51] **Int.Cl. H04N 7/24 (2011.01) H04N 7/015 (2006.01) H04N 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR PROVIDING AND RECOGNIZING TRANSMISSION MODE IN DIGITAL BROADCASTING**
[54] **PROCEDE POUR PRODUIRE ET RECONNAITRE UN MODE DE TRANSMISSION DANS UNE DIFFUSION NUMERIQUE**
[72] CHOI, BYEONG HO, KR
[72] KIM, JE WOO, KR
[72] SHIN, HWA SEON, KR
[73] KOREA ELECTRONICS TECHNOLOGY INSTITUTE, KR
[85] 2013-05-23
[86] 2011-01-18 (PCT/KR2011/000357)
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[25] EN
[54] **AIRCRAFT FLAP SYSTEM AND ASSOCIATED METHOD**
[54] **SYSTEME DE VOLETS D'AERONEF ET PROCEDE CONNEXE**
[72] DAHL, BRUCE A., US
[72] QUANDT, GENE A., US
[73] THE BOEING COMPANY, US
[86] (2819983)
[87] (2819983)
[22] 2013-07-04
[30] US (13/623,533) 2012-09-20

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[51] **Int.Cl. A63B 21/072 (2006.01) A63B 21/075 (2006.01)**
[25] EN
[54] **EXERCISE WEIGHTS AND BARBELLS THEREFOR**
[54] **POIDS D'EXERCICE ET BARRES D'HALTERES CORRESPONDANTES**
[72] POTTS, TERENCE SCOTT, CA
[72] DORSETT, PAUL WILLIAM, CA
[73] POTTS, TERENCE SCOTT, CA
[86] (2820496)
[87] (2820496)
[22] 2013-06-26
[30] US (13/551592) 2012-07-17
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[51] **Int.Cl. A43B 7/14 (2006.01) A43B 13/14 (2006.01) A43B 17/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE FOREFOOT POSTING FOR ORTHOTIC**
[54] **MONTANT D'AVANT-PIED AJUSTABLE POUR ORTHESE**
[72] SELNER, ALLEN JOSEPH, US
[73] SELNER, ALLEN JOSEPH, US
[85] 2013-06-12
[86] 2011-12-15 (PCT/US2011/065078)
[87] (WO2012/087733)
[30] US (61/425,196) 2010-12-20
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[51] **Int.Cl. A61K 38/17 (2006.01) A61P 11/00 (2006.01) A61P 19/04 (2006.01)**
[25] EN
[54] **USE OF FOLLISTATIN FOR THE TREATMENT OF PULMONARY FIBROSIS AND FIBROSIS ASSOCIATED WITH INFLAMMATORY BOWEL DISEASE**
[54] **UTILISATION DE LA FOLLISTATINE POUR LE TRAITEMENT DE LA FIBROSE PULMONAIRE ET DE LA FIBROSE ASSOCIEE A LA MALADIE INFLAMMATOIRE DES INTESTINS**
[72] PHILLIPS, DAVID, AU
[72] DE KRETSER, DAVID, AU
[72] SIEVERT, WILLIAM, AU
[72] PATELLA, SHANE, AU
[72] SMOLICH, JOSEPH, AU
[72] MCGAW, DAVID, AU
[72] FENNESSY, PAUL, AU
[73] PARANTA BIOSCIENCES LIMITED, AU
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[25] EN
[54] **FAN ASSEMBLY COMPRISING ANNULAR NOZZLE AND CEILING MOUNT**
[54] **DISPOSITIF DE VENTILATEUR COMPORTANT UNE BUSE ANNULAIRE ET UNE FIXATION POUR PLAFOND**
[72] DYSON, JAMES, GB
[72] STEWART, NEIL, GB
[72] BROWN, RODNEY, AU
[72] O'RIORDAN, MARK, GB
[73] DYSON TECHNOLOGY LIMITED, GB
[85] 2013-06-18
[86] 2011-11-25 (PCT/GB2011/052326)
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[30] GB (1021906.1) 2010-12-23

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[51] **Int.Cl. B65D 88/12 (2006.01) B65D 90/12 (2006.01) E04B 1/343 (2006.01)**
[25] EN
[54] **SEA CONTAINER THAT CAN BE CLOSED ON ALL SIDES**
[54] **CONTENEUR MARITIME FERMABLE SUR TOUTES SES FACES**
[72] DINTER, JENS-HEIKO, DE
[72] FASS, UWE, DE
[73] ATLAS ELEKTRONIK GMBH, DE
[85] 2013-07-16
[86] 2012-02-23 (PCT/EP2012/053103)
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[51] **Int.Cl. H01L 33/06 (2010.01) A01G 7/04 (2006.01)**
[25] EN
[54] **PLANT ILLUMINATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'ECLAIRAGE DE PLANTES**
[72] AIKALA, LARS, FI
[72] KIVIMAKI, ILKKA, FI
[73] VALOYA OY, FI
[85] 2013-08-20
[86] 2012-02-08 (PCT/FI2012/050118)
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[30] EP (11158693.9) 2011-03-17
[30] US (61/468,831) 2011-03-29

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[25] EN
[54] **SMALL MOLECULES THAT REPLACE OR AGONIZE P53 FUNCTION**
[54] **PETITES MOLECULES REMPLACANT OU FAISANT DISPARAITRE LA FONCTION P53**
[72] RABIZADEH, SHAHROOZ, US
[72] NIAZI, KAYVAN, US
[72] BREDESEN, DALE E., US
[73] BUCK INSTITUTE FOR AGE RESEARCH, US
[86] (2829654)
[87] (2829654)
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[62] 2,580,719
[30] US (60/603,308) 2004-08-20

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[51] **Int.Cl. C07K 1/113 (2006.01) A61K 38/17 (2006.01) C07K 14/47 (2006.01)**
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[54] **STABILIZED ALPHA HELICAL PEPTIDES AND USES THEREOF**
[54] **PEPTIDES ALPHA-HELICOIDAUX STABILISES ET LEURS APPLICATIONS**
[72] WALENSKY, LOREN D., US
[72] VERDINE, GREGORY, US
[72] KORSMEYER, STANLEY J., (DECEASED), US
[73] DANA-FARBER CANCER INSTITUTE, INC., US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[87] (2830063)
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[62] 2,544,223
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[54] **ETHANOL STABLE POLYETHER EPOXY BASED MEMBRANE FOR ETHANOL AND AROMATICS SEPARATION**
[54] **MEMBRANE A BASE D'UNE RESINE POLYETHER EPOXY STABLE DANS L'ETHANOL POUR LA SEPARATION DE L'ETHANOL ET DES AROMATIQUES**
[72] SHAFFER, TIMOTHY D., US
[72] NG, MAN KIT, US
[72] FERRUGHELLI, DAVID T., US
[72] SKIC, GEORGE, US
[72] PARTRIDGE, RANDALL D., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2013-09-19
[86] 2012-04-19 (PCT/US2012/034189)
[87] (WO2012/145472)
[30] US (61/476,988) 2011-04-19
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[25] EN
[54] **A METHOD OF MAPPING RESERVOIR FLUID MOVEMENT USING GRAVITY SENSORS**
[54] **METHODE DE CARTOGRAPHIE DES MOUVEMENTS DE FLUIDE D'UN RESERVOIR A L'AIDE DE CAPTEURS DE GRAVITE**
[72] EDWARDS, CARL M., US
[72] LOERMANS, ANTONIUS M., SA
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-09-19
[86] 2012-04-19 (PCT/US2012/034271)
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[51] **Int.Cl. E06B 9/24 (2006.01) A47H 23/02 (2006.01) D06J 1/02 (2006.01) E06B 9/264 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MAKING A WINDOW COVERING HAVING OPERABLE VANES**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE REALISER UN COUVRE-FENETRE DOTE DE DEFLECTEURS MOBILES**
[72] COLSON, WENDELL B., US
[72] FOGARTY, DANIEL M., US
[72] DANN, KEVIN M., US
[72] HARTMAN, DAVID P., US
[72] KOVACH, JOSEPH E., US
[73] HUNTER DOUGLAS INC., US
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[54] **CO-AXIAL INSERTION-TYPE CONNECTOR**
[54] **CONNECTEUR COAXIAL DE TYPE A INSERTION**
[72] ROSENBERGER, BERND, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2013-11-05
[86] 2012-05-09 (PCT/EP2012/001995)
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[25] EN
[54] **MACHINE TOOL**
[54] **MACHINE-OUTIL**
[72] AYESTARAN LAZCANO, FRANCISCO, ES
[72] IBARRA GARCES, JORGE, ES
[73] ETXE-TAR, S.A., ES
[85] 2013-11-12
[86] 2011-05-13 (PCT/ES2011/070345)
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[25] EN
[54] **BODY DRYER ASSEMBLY AND BATHTUB OR SHOWER STALL ENCLOSURE PARTITION ASSEMBLY**
[54] **ENSEMBLE DE SECHOIR POUR LE CORPS ET ENSEMBLE D'ENCEINTE A CLOISON DE BAIN OU CABINE DE DOUCHE**
[72] CALPE GARGALLO, CARLOS, CA
[73] CALPE GARGALLO, CARLOS, CA
[86] (2836147)
[87] (2836147)
[22] 2013-12-05

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[51] **Int.Cl. H04N 19/593 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INTRA PREDICTION WITHIN DISPLAY SCREEN**
[54] **PROCEDE ET APPAREIL POUR LA PREDICTION INTRA DANS UN ECRAN D'AFFICHAGE**
[72] KWON, JAE CHEOL, KR
[72] KIM, JOO YOUNG, KR
[73] KT CORPORATION, KR
[85] 2013-11-20
[86] 2012-05-14 (PCT/KR2012/003744)
[87] (WO2012/161444)
[30] KR (10-2011-0048130) 2011-05-20
[30] KR (10-2011-0065210) 2011-06-30

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[13] C
[51] **Int.Cl. B01D 35/28 (2006.01)**
[25] EN
[54] **HIGH CAPACITY SUCTION STRAINER FOR AN EMERGENCY CORE COOLING SYSTEM IN A NUCLEAR POWER PLANT**
[54] **CREPINE D'ASPIRATION DE GRANDE CAPACITE POUR UN SYSTEME DE REFROIDISSEMENT DE C□UR D'URGENCE DANS UNE CENTRALE NUCLEAIRE**
[72] ANDERSEN, CHARLES, US
[72] WOLBERT, EDWARD, US
[72] HAWKINS, NICHOLAS, US
[73] TRANSCO PRODUCTS INC., US
[85] 2013-11-28
[86] 2012-05-09 (PCT/US2012/037019)
[87] (WO2012/166307)
[30] US (61/492,258) 2011-06-01
[30] US (61/537,988) 2011-09-22

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[51] **Int.Cl. C10M 129/72 (2006.01) C07C 67/00 (2006.01) C10G 3/00 (2006.01) C10M 169/04 (2006.01)**
[25] EN
[54] **TURBINE OIL COMPRISING A DI-OR TRI-ESTER COMPONENT**
[54] **HUILE DE TURBINE RENFERMANT UN COMPOSE DI-ESTER OU TRI-ESTER**
[72] OKAZAKI, MARK E., US
[72] KETTERER, NICOLE A., US
[73] CHEVRON U.S.A. INC., US
[85] 2013-12-03
[86] 2012-05-29 (PCT/US2012/039811)
[87] (WO2013/015873)
[30] US (13/192,179) 2011-07-27

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[13] C
[51] **Int.Cl. C04B 35/12 (2006.01) C04B 35/047 (2006.01) C04B 35/465 (2006.01) C04B 35/64 (2006.01)**
[25] EN
[54] **BLEND FOR THE PRODUCTION OF A REFRACTORY MATERIAL, A REFRACTORY MATERIAL, A METHOD FOR THE MANUFACTURE OF A REFRACTORY MATERIAL, AND USE OF A SUBSTANCE AS A SINTERING AID**
[54] **MELANGE POUR LA PRODUCTION D'UN MATERIAU REFRACTAIRE, UN MATERIAU REFRACTAIRE, UN PROCEDE POUR LA FABRICATION D'UN MATERIAU REFRACTAIRE OU UTILISATION D'UNE SUBSTANCE COMME ELEMENT AIDANT AU FRITTAGE**
[72] DJURICIC, BORO, AT
[72] NILICA, ROLAND, AT
[72] SANTOWSKI, KLAUS, AT
[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2013-12-11
[86] 2013-04-24 (PCT/EP2013/058497)
[87] (WO2014/048586)
[30] EP (12186593.5) 2012-09-28

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[13] C
[51] **Int.Cl. B21D 13/02 (2006.01) B29C 53/22 (2006.01) B29C 53/24 (2006.01) B31F 1/20 (2006.01)**
[25] EN
[54] **A SHEET FORMING TOOL AND A METHOD FOR THE MANUFACTURE OF A CORRUGATED SHEET**
[54] **OUTIL DE FORMATION DE FEUILLE ET PROCEDE POUR LA FABRICATION D'UNE FEUILLE ONDULEE**
[72] CHIN, KIMWAH, CN
[72] SHENG, XIAOLEI, CN
[72] LI, YANG, CN
[72] CHOTHUTSHANG, LHODEN, CH
[73] SULZER CHEMTECH AG, CH
[85] 2014-01-17
[86] 2011-07-21 (PCT/CN2011/001197)
[87] (WO2013/010293)

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[13] C
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[25] EN
[54] **CHARACTER ENABLEMENT IN SHORT MESSAGE SERVICE**
[54] **ACTIVATION DE CARACTERES DANS UN SERVICE DE MESSAGE COURT**
[72] RUSSELL, NICHOLAS JAMES, GB
[73] BLACKBERRY LIMITED, CA
[85] 2014-02-03
[86] 2012-08-02 (PCT/EP2012/065155)
[87] (WO2013/020892)
[30] US (13/204,124) 2011-08-05

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[25] EN
[54] **PROCESS FOR PREPARING SORPTIVE SUBSTRATES, AND INTEGRATED PROCESSING SYSTEM FOR SUBSTRATES**
[54] **PROCESSUS DE PREPARATION DE SUBSTRATS SORBANTS ET SYSTEME DE TRAITEMENT INTEGRE POUR SUBSTRATS**
[72] BLAISS, H. DENNIS, US
[72] SENE, LAURENT H., US
[72] HALL, GREGORY T., US
[72] WHITTINGTON, RANDY H., US
[73] ILLINOIS TOOL WORKS INC., US
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[25] EN
[54] **VACUUM-ASSISTED PRESERVATION OF BIOLOGICAL PRODUCTS, IN PARTICULAR OF VACCINES**
[54] **CONSERVATION SOUS VIDE DE PRODUITS BIOLOGIQUES, ET EN PARTICULIER DE VACCINS**
[72] GENIN, NOEL YVES HENRI JEAN, FR
[73] MERIAL, INC., US
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[54] **SYSTEMS AND METHODS FOR DETECTION OF CLEAR AIR TURBULENCE**
[54] **SYSTEMES ET PROCEDES POUR LA DETECTION DE TURBULENCES EN AIR CLAIR**
[72] TILLOTSON, BRIAN J., US
[73] THE BOEING COMPANY, US
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[54] **ARRANGEMENTS FOR AND METHODS OF DRYING WOOD**
[54] **AGENCEMENTS ET PROCEDES POUR LE SECHAGE DU BOIS**
[72] LEMOINE, GEORGE, US
[72] SHEPHERD, DERALD L., US
[73] SHELTERLOGIC CORP., US
[86] (2846303)
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[54] **WALK-THROUGH SECURITY GATE, IN PARTICULAR FOR USE AT AIRPORTS**
[54] **SAS DE PASSAGE, EN PARTICULIER POUR L'UTILISATION DANS DES AEROPORTS**
[72] ROSENBERGER, LARS, DE
[72] EBERT, ROLAND, DE
[73] KABA GALLENSCHUTZ GMBH, DE
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[54] **APPARATUS, SYSTEM AND METHOD FOR CONDITIONING AND PRESERVING AN ORGAN FROM A DONOR**
[54] **APPAREIL, SYSTEME ET METHODE POUR LE CONDITIONNEMENT ET LA CONSERVATION D'UN ORGANE D'UN DONNEUR**
[72] VAN DER PLAATS, ARJAN, NL
[72] RAKHORST, GERHARD, NL
[73] ORGAN ASSIST B.V., NL
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[54] **METHOD AND DEVICE FOR DETERMINING DATA OFFLOAD ACCESS DEVICE**
[54] **PROCEDE ET DISPOSITIF POUR DETERMINER UN DISPOSITIF D'ACCES DE DISTRIBUTION DE DONNEES**
[72] JIANG, YI, CN
[72] QUAN, WEI, CN
[72] ZHANG, JIAN, CN
[72] ZHANG, PENG, CN
[72] HAN, GUANGLIN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **INSULATED CONCRETE FORM AND METHOD OF USING SAME**
[54] **MOULE A BETON ISOLE ET SON PROCEDE D'UTILISATION**
[72] CIUPERCA, ROMEO ILARIAN, US
[73] CIUPERCA, ROMEO ILARIAN, US
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[25] EN
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[54] **COMPTEUR DE DEBIT DE POMPE SUBMERSIBLE ELECTRIQUE**
[72] XIAO, JINJIANG, SA
[72] SHEPLER, RANDALL ALAN, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-03-07
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[54] **ENHANCING FUNCTIONALITY OF REFLECTOMETRY BASED SYSTEMS USING PARALLEL MIXING OPERATIONS**
[54] **AMELIORATION DE LA FONCTIONNALITE DE REFLECTOMETRIE SUR LA BASE DE SYSTEMES UTILISANT EN PARALLELE DES OPERATIONS DE MELANGE**
[72] DUNCAN, ROGER GLEN, US
[72] BARRY, ALEXANDER M., US
[72] CHILDERS, BROOKS A., US
[72] HARMAN, ROBERT M., US
[72] COUCH, PHILIP ROBIN, GB
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[54] **RESINE DE MOULAGE LIQUIDE AYANT DU MICA NE GONFLANT PAS**
[72] BABA, HIROMITSU, JP
[72] KATO, TAKESHI, JP
[72] MINAMI, HIROYUKI, JP
[72] ABE, MASANORI, US
[72] YOKOO, YUSUKE, US
[72] WEST, BEAU JEREMY, US
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[54] **BED-MOUNTABLE EXERCISE APPARATUS**
[54] **APPAREIL D'EXERCICE POUVANT ETRE MONTE SUR UN LIT**
[72] CARUSO, GRACE, US
[72] LUTFY, ANDRE, US
[73] BEDGYM LLC, US
[85] 2014-03-27
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[25] EN
[54] **SELF-LEARNING OF PLANT GROWTH STRATEGY IN A GREENHOUSE**
[54] **APPRENTISSAGE AUTOMATIQUE D'UNE STRATEGIE DE CROISSANCE DE PLANTE DANS UNE SERRE**
[72] AVIGDOR, TZVI, IL
[72] MORAG, OMRI, IL
[73] PASKAL TECHNOLOGIES AGRICULTURE COOPERATIVE SOCIETY LTD., IL
[85] 2014-04-02
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[54] **METHOD AND SYSTEM FOR AIRCRAFT SPEED CONTROL**
[54] **PROCEDE ET SYSTEME POUR COMMANDE DE VITESSE D'AERONEF**
[72] D'ALTO, LUIS PEDRO, ES
[73] THE BOEING COMPANY, US
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[54] **RISER WITH INTERNAL ROTATING FLOW CONTROL DEVICE**
[54] **COLONNE DOTEE D'UN MECANISME DE CONTROLE DE DEBIT PIVOTANT INTERNE**
[72] BOYD, MICHAEL, CA
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2853642)
[87] (2853642)
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[54] **TORQUE DISC**
[54] **DISQUE DE COUPLE**
[72] CHASE, IAN THOMAS, GB
[72] LEWIS, PAUL ANTHONY, GB
[72] DEWHIRST, MICHAEL JAMES, GB
[73] CROMPTON TECHNOLOGY GROUP LTD, GB
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[25] EN
[54] **A HAIR CONTROLLER FOR MOUNTING ON A STRETCHING MACHINE FOR STRETCHING A PELT ON A PELT BOARD**
[54] **UN DISPOSITIF DE CONTROLE DE POIL A INSTALLER SUR UNE MACHINE D'ETIREMENT SERVANT A ETIRER UNE PELLETERIE SUR UNE PLANCHE A PELLETERIE**
[72] FROLUND, SOREN, DK
[73] DANSK MINK PAPIR A/S, DK
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[87] (2854309)
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[25] EN
[54] **METHOD OF SELECTING THE FOOT PLANE ANGLE IN A SLIDING ACTIVITY**
[54] **METHODE DE SELECTION D'ANGLE DE PLAN DE PIED POUR UNE ACTIVITE DE GLISSE**
[72] KELLY, PATRICK L., US
[73] KELLY, PATRICK L., US
[86] (2854657)
[87] (2854657)
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[25] EN
[54] **METHOD OF MAKING DIAMOND MINING CORE DRILL BIT AND REAMER**
[54] **PROCEDE DE FABRICATION D'UNE COURONNE DE FORAGE POURVUE D'UN ALESEUR POUR L'EXTRACTION DE DIAMANTS**
[72] MOLLER, KARL H., US
[72] RUFFNER, THOMAS G., US
[73] DIAMOND PRODUCTS, LIMITED, US
[86] (2854691)
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[25] EN
[54] **BLEED AIR SYSTEMS FOR USE WITH AIRCRAFTS AND RELATED METHODS**
[54] **SYSTEMES A AIR PRELEVE POUR UTILISATION AVEC DES AERONEFS ET PROCEDES CONNEXES**
[72] MACKIN, STEVE G., US
[72] FOUTCH, DAVID W., US
[73] THE BOEING COMPANY, US
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[54] **ACTIVATION OF DUAL CATALYST SYSTEMS**
[54] **ACTIVATION DE SYSTEMES CATALYTIQUES DOUBLES**
[72] UMANSKY, BENJAMIN S., US
[72] TRACY, WILLIAM J., US
[72] HELTON, TERRY EUGENE, US
[72] MCCARTHY, STEPHEN J., US
[72] KALYANARAMAN, MOHAN, US
[72] OLIVERI, CHRISTOPHER G., US
[72] HILBERT, TIMOTHY LEE, US
[73] EXXONMOBILE RESEARCH AND ENGINEERING COMPANY, US
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[54] **FLUID CONDUIT DIELECTRIC NIPPLE FOR PUSH-FIT CONNECTOR**
[54] **MAMMELON DIELECTRIQUE DE CONDUITE DE FLUIDE POUR CONNECTEUR A POUSSOIR**
[72] LESAGE, JEAN-CLAUDE, CA
[73] MICLAU-S.R.L. INC, CA
[86] (2856880)
[87] (2856880)
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[54] **SUPPRESSION OF NON-SPECIFIC AMPLIFICATION WITH HIGH-HOMOLOGY OLIGONUCLEOTIDES**
[54] **SUPPRESSION D'UNE AMPLIFICATION NON SPECIFIQUE PAR DES OLIGONUCLEOTIDES A HOMOLOGIE ELEVEE**
[72] CHEN, XIAOYING, US
[72] CHENG, SUZANNE, US
[72] MYERS, THOMAS W., US
[72] PATTEN, NANCY, US
[72] SCHOENBRUNNER, NANCY, US
[72] TRUONG, SIM-JASMINE C., US
[73] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **MODULAR EQUIPMENT CENTER DISTRIBUTED EQUIPMENT PACKAGING TRUSS**
[54] **FERME D'EMBALLAGE D'EQUIPEMENT DISTRIBUEE POUR CENTRES D'EQUIPEMENT MODULAIRES**
[72] SHANDER, MARK S., US
[72] LARSEN, TY A., US
[72] JOHNSON, ROBERT T., US
[72] LIFFRING, MARK E., US
[72] DOUGLAS, MARGARET, US
[72] SEVERNS, CHRISTOPHER M., US
[73] THE BOEING COMPANY, US
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[54] **NEUROPROTECTIVE COMPOUNDS AND THEIR USE**
[54] **COMPOSES NEUROPROTECTEURS ET LEUR UTILISATION**
[72] KALYANARAMAN, BALARAMAN, US
[72] JOSEPH, JOY, US
[72] KANTHASAMY, ANUMANTHA, US
[73] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
[73] MEDICAL COLLEGE OF WISCONSIN, INC., US
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[25] EN
[54] **ACCOUNT MANAGEMENT FOR MULTIPLE NETWORK SITES**
[54] **GESTION DE COMPTES POUR PLUSIEURS SITES DE RESEAU**
[72] HITCHCOCK, DANIEL W., US
[72] CAMPBELL, BRAD LEE, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2014-07-15
[86] 2013-01-30 (PCT/US2013/023818)
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[51] **Int.Cl. E04B 1/84 (2006.01)**
[25] EN
[54] **OPTIMIZED PATTERN OF A DAMPING LAYER FOR WALL, FLOOR, AND CEILING CONSTRUCTIONS**
[54] **MOTIF OPTIMISE D'UNE COUCHE ANTIVIBRATOIRE POUR DES CONSTRUCTIONS DE MURS, DE PLANCHERS ET DE PLAFONDS**
[72] PAYOT, SYLVAIN, CN
[72] MOINEAU, GEORGES, BE
[72] MARDAGA, BENJAMIN, BE
[72] COMERT, AHMET, BE
[73] SAINT-GOBAIN INNOVATIVE MATERIALS BELGIUM S.A., BE
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[51] **Int.Cl. C25D 7/06 (2006.01) C25F 3/16 (2006.01) C25F 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ELECTROPOLISHING OR ELECTROPLATING CONVEYOR BELTS**
[54] **SYSTEME ET PROCEDE DE POLISSAGE ELECTROLYTIQUE OU D'ELECTRODEPOSITION DE BANDES TRANSPORTEUSES**
[72] LACKNER, JOSEPH M., US
[72] LASECKI, JONATHAN R., US
[72] STEINHOFF, PAUL, US
[73] ASHWORTH BROS., INC., US
[85] 2014-06-26
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[30] US (61/581,929) 2011-12-30
[30] US (13/465,180) 2012-05-07

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[25] EN
[54] **MOTION-DAMPING SYSTEMS AND METHODS INCLUDING THE SAME**
[54] **SYSTEMES D'AMORTISSEMENT DE MOUVEMENT ET PROCEDES LES COMPRENANT**
[72] HULL, JOHN RALPH, US
[72] STRASIK, MICHAEL, US
[72] MARTIG, THOMAS H., US
[73] THE BOEING COMPANY, US
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[51] **Int.Cl. A43B 7/12 (2006.01)**
[25] EN
[54] **STROBEL FOOTWEAR CONSTRUCTION**
[54] **CONSTRUCTION DE CHAUSSURE DE TYPE STROBEL**
[72] WIENER, ROBERT J., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2014-08-22
[86] 2013-03-07 (PCT/US2013/029472)
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[30] US (61/607,923) 2012-03-07
[30] US (13/787,098) 2013-03-06

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[25] EN
[54] **WET/DRY VACUUM CLEANER FILTER FOR WET MATERIAL COLLECTION**
[54] **FILTRE D'ASPIRATEUR HUMIDE/SEC POUR COLLECTER DES ELEMENTS HUMIDES**
[72] SCHULTZ, DOUGLAS C., US
[72] TOMASIAK, MARK, US
[72] WILLIAMS, MATTHEW A., US
[73] EMERSON ELECTRIC CO., US
[86] (2866071)
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[25] EN
[54] **METHODS FOR OPTICALLY DETERMINING A CHARACTERISTIC OF A SUBSTANCE**
[54] **PROCEDES DE DETERMINATION OPTIQUE D'UNE CARACTERISTIQUE D'UNE SUBSTANCE**
[72] FREESE, ROBERT, US
[72] JONES, CHRISTOPHER MICHAEL, US
[72] PERKINS, DAVID, US
[72] SIMCOCK, MICHAEL, US
[72] SOLTMANN, WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. C10G 1/04 (2006.01)**
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[54] **METHODS FOR PROCESSING A BITUMINOUS FEED**
[54] **PROCEDE DE TRAITEMENT DE MATIERE PREMIERE BITUMINEUSE**
[72] ABEL, KEITH A., CA
[72] ADEYINKA, OLUSOLA B., CA
[72] OLDENBURG, PAUL D., US
[72] BOHRA, LALIT K., US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2867357)
[87] (2867357)
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[51] **Int.Cl. E21B 21/06 (2006.01) B01D 21/01 (2006.01) B01D 21/26 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR TREATING DRILLING FLUID**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE FLUIDE DE FORAGE**
[72] ZEIDLER, H. UDO, CA
[73] ZEIDLER, H. UDO, CA
[85] 2014-09-16
[86] 2014-02-20 (PCT/CA2014/050116)
[87] (WO2014/127477)
[30] US (61/766,865) 2013-02-20
[30] US (61/824,186) 2013-05-16

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[54] **MISSILE WARHEAD**
[54] **OGIVE DE MISSILE**
[72] AMON, JACOB, IL
[72] SCHWARTZ, ANNA, IL
[72] BRANDEIS, YARON, IL
[73] IMI SYSTEMS LTD., IL
[85] 2014-09-16
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[87] (WO2013/150511)
[30] IL (219010) 2012-04-03

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[51] **Int.Cl. G10L 21/0208 (2013.01)**
[25] EN
[54] **NEAR-FIELD NOISE CANCELLATION**
[54] **SUPPRESSION DE BRUIT EN CHAMP PROCHE**
[72] TENNANT, BRYCE, US
[73] HARRIS CORPORATION, US
[85] 2014-10-08
[86] 2013-05-17 (PCT/US2013/041551)
[87] (WO2013/176980)
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[25] EN
[54] **MULTI-MODE CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE MULTI-MODE**
[72] LYDECKER, STEPHEN HAIGHT, US
[72] KRUSE, GLEN ANDREW, US
[72] WESTRICK, RICHARD L., JR., US
[72] ZAVERUHA, RYAN ALEXIS, US
[73] ABL IP HOLDING LLC, US
[86] (2870414)
[87] (2870414)
[22] 2014-11-07
[30] US (61/901,600) 2013-11-08

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[25] EN
[54] **THERMAL ISOLATION FOR CASTING ARTICLES**
[54] **ISOLANT THERMIQUE POUR MOULAGE D'ARTICLES.**
[72] LOUKUS, JOSH E., US
[72] LOUKUS, ADAM R., US
[73] REL, INC., US
[85] 2014-10-10
[86] 2013-04-10 (PCT/US2013/035890)
[87] (WO2013/155131)
[30] US (61/623,532) 2012-04-12
[30] US (61/690,727) 2012-07-03
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[25] EN
[54] **COSMETIC COMPOSITION AND CONDITIONING AGENT**
[54] **COMPOSITION COSMETIQUE ET AGENT DE CONDITIONNEMENT**
[72] UEHARA, NOBUAKI, SG
[72] YODA, SHOYA, JP
[72] ISHIKUBO, AKIRA, JP
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-10-20
[86] 2013-04-17 (PCT/US2013/036925)
[87] (WO2013/158733)
[30] JP (2012-096780) 2012-04-20
[30] JP (2012-096781) 2012-04-20
[30] JP (2012-259857) 2012-11-28
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[51] **Int.Cl. H02J 3/28 (2006.01) B64D 41/00 (2006.01) H02J 3/14 (2006.01)**
[25] EN
[54] **ELECTRIC SYSTEM STABILIZING SYSTEM FOR AIRCRAFT**
[54] **SYSTEME DE STABILISATION D'UN SYSTEME ELECTRIQUE D'UN AERONEF**
[72] IWASHIMA, ATSUSHI, JP
[72] SUGIMOTO, KAZUSHIGE, JP
[72] MATSUO, KAZUYA, JP
[72] BREIT, JOSEPH S., US
[72] NOZARI, FARHAD, US
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[73] THE BOEING COMPANY, US
[85] 2014-10-28
[86] 2013-07-29 (PCT/US2013/052596)
[87] (WO2014/062269)
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[51] **Int.Cl. B23P 6/00 (2006.01) B23K 31/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RETREADING TRACK WHEEL**
[54] **PROCEDE ET SYSTEME POUR RECHAPER UNE ROUE DE VEHICULE FERROVIAIRE**
[72] MERCIER, CRAIG, US
[73] MERCIER, CRAIG, US
[85] 2014-10-29
[86] 2012-05-03 (PCT/US2012/036224)
[87] (WO2013/165418)
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[51] **Int.Cl. G01N 33/569 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **CELL WALL PROTEIN CWPV (CD0514) AS A DIAGNOSTIC MARKER FOR CLOSTRIDIUM DIFFICILE RIBOTYPE 027**
[54] **PROTEINE DE PAROI CELLULAIRE CWPV (CD0514) UTILE COMME MARQUEUR DIAGNOSTIQUE POUR LE RIBOTYPE 027 DE CLOSTRIDIUM DIFFICILE**
[72] DAVIS, MANLI Y., US
[72] WILLIAMS, KRISTA A., US
[72] BROWNING, JOCELYN N., US
[72] LYERLY, DAVID M., US
[73] TECHLAB, INC., US
[85] 2014-10-31
[86] 2013-05-09 (PCT/US2013/040399)
[87] (WO2013/170065)
[30] US (61/645,964) 2012-05-11
[30] US (13/889,670) 2013-05-08

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[51] **Int.Cl. A61M 39/10 (2006.01) A61M 39/16 (2006.01)**
[25] EN
[54] **ARRANGEMENT IN A MEDICAL CONNECTOR DEVICE**
[54] **AGENCEMENT DANS UN DISPOSITIF DE RACCORD MEDICAL**
[72] ROSENQUIST, TOBIAS, SE
[73] CARMEL PHARMA AB, SE
[85] 2014-11-19
[86] 2012-05-21 (PCT/SE2012/050545)
[87] (WO2013/176586)

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[51] **Int.Cl. C07C 49/743 (2006.01) A61K 31/122 (2006.01) A61K 31/44 (2006.01) A61P 25/28 (2006.01) C07D 213/50 (2006.01) C07D 295/116 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING VERBENONE DERIVATIVE FOR TREATING OR PREVENTING NEURODEGENERATIVE DISEASE**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN DERIVE DE VERBENONE POUR LE TRAITEMENT OU LA PREVENTION D'UNE MALADIE NEURODEGENERATIVE**
[72] KIM, WON KI, KR
[72] CHOI, YONGSEOK, KR
[73] KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION, KR
[85] 2014-12-01
[86] 2013-06-04 (PCT/KR2013/004932)
[87] (WO2013/183920)
[30] KR (10-2012-0060314) 2012-06-05

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[13] C
[51] **Int.Cl. B23K 20/12 (2006.01)**
[25] EN
[54] **WELDING TOOL FOR USE IN DOUBLE-ACTING FRICTION STIR WELDING OR DOUBLE-ACTING FRICTION STIR SPOT WELDING AND WELDING APPARATUS USING THE SAME**
[54] **OUTIL DE SOUDAGE UTILISE POUR UN SOUDAGE PAR FRICTION-MALAXAGE DU TYPE A DOUBLE ACTION OU UN SOUDAGE PAR POINTS PAR FRICTION-MALAXAGE DE TYPE A DOUBLE ACTION, ET DISPOSITIF DE SOUDAGE L'UTILISANT**
[72] OKADA, HIDEKI, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2014-12-23
[86] 2013-08-06 (PCT/JP2013/004741)
[87] (WO2014/024474)
[30] JP (2012-174028) 2012-08-06

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[51] **Int.Cl. A61K 31/194 (2006.01) A61K 31/19 (2006.01) A61K 31/198 (2006.01) A61K 31/28 (2006.01) A61K 31/295 (2006.01) A61K 31/305 (2006.01) A61K 31/315 (2006.01) A61K 33/02 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL MICROELEMENT CHELATES AND THE USE THEREOF IN ANIMAL FEEDS**
[54] **CHELATES DE MICROELEMENTS ANTIBACTERIENS ET UTILISATION ASSOCIEE DANS DES NOURRITURES ANIMALES**
[72] BATA, ARPAD, HU
[72] KUTASI, JOZSEF, HU
[73] DR. BATA ZRT., HU
[85] 2014-12-29
[86] 2013-05-28 (PCT/IB2013/054391)
[87] (WO2014/001924)
[30] HU (P1200394) 2012-06-29

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[25] EN
[54] **TREATMENT OF TAILINGS WITH DEIONIZED SILICATE SOLUTIONS**
[54] **TRAITEMENT DES FLUX DE QUEUES AVEC DES SOLUTIONS DE SILICATE DESIONISEES**
[72] MOFFETT, ROBERT HARVEY, US
[72] KRISTJANSDOTTIR, SIGRIDUR SOLEY, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2015-01-05
[86] 2013-04-04 (PCT/US2013/035232)
[87] (WO2014/007904)
[30] US (61/668,595) 2012-07-06
[30] US (13/848,244) 2013-03-21

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[51] **Int.Cl. A61K 31/5685 (2006.01) A61P 15/00 (2006.01) A61P 15/02 (2006.01) A61P 15/12 (2006.01)**
[25] EN
[54] **IMPROVEMENT OF SEXUAL AROUSAL, SEXUAL DESIRE, ORGASM AND/OR PLEASURE FOLLOWING INTRAVAGINAL PRASTERONE (DHEA) ADMINISTRATION IN WOMEN NOT SUFFERING OR INDEPENDENTLY FROM DYSPAREUNIA OR OTHER SYMPTOMS OF VULVO-VAGINAL ATROPHY**
[54] **AMELIORATION DE L'EXCITATION SEXUELLE, DU DESIR SEXUEL, DE L'ORGASME ET/OU DU PLAISIR A LA SUITE D'UNE ADMINISTRATION DE PRASTERONE (DHA) INTRA VAGINALE CHEZ DES FEMMES NE SOUFFRANT PAS DE DYSPAREUNIE OU D'AUTRES SYMPTOMES D'ATROPHIE VULVO-VAGINALE OU INDEPENDAMMENT DE CEUX-CI**
[72] LABRIE, FERNAND, CA
[73] ENDORECHERCHE, INC., CA
[85] 2015-01-21
[86] 2013-07-19 (PCT/CA2013/000654)
[87] (WO2014/015416)
[30] US (61/675,717) 2012-07-25
[30] US (13/942,977) 2013-07-16

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[13] C
[51] **Int.Cl. E21B 4/02 (2006.01) E21B 10/60 (2006.01)**
[25] EN
[54] **DRILL BIT WITH ELECTROHYDRAULICALLY ADJUSTABLE PADS FOR CONTROLLING DEPTH OF CUT**
[54] **TREPAN AVEC PATINS AJUSTABLE HYDRAULIQUEMENT POUR COMMANDER LA PROFONDEUR DE COUPE**
[72] SCHWEFE, THORSTEN, GB
[72] RAZ, DAN, IL
[72] RINBERG, GREGORY, IL
[72] BRUK, MARK, IL
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-01-30
[86] 2013-07-30 (PCT/US2013/052621)
[87] (WO2014/022339)
[30] US (13/561,743) 2012-07-30

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[51] **Int.Cl. E21B 4/02 (2006.01) E21B 4/04 (2006.01)**
[25] EN
[54] **ASYMMETRIC LOBES FOR MOTORS AND PUMPS**
[54] **LOBES ASYMETRIQUES POUR MOTEURS ET POMPES**
[72] HOHL, CARSTEN, DE
[72] BENNING, HELMUT G., DE
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-02-06
[86] 2013-08-30 (PCT/US2013/057563)
[87] (WO2014/039393)
[30] US (13/605,476) 2012-09-06

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[51] **Int.Cl. E21B 10/46 (2006.01) E21B 10/42 (2006.01)**
[25] EN
[54] **CUTTING INSERT FOR A ROCK DRILL BIT**
[54] **PLAQUETTE DE COUPE POUR FLEURET DE PERFORATRICE**
[72] DISANTIS, JOSEPH R., US
[73] NATIONAL OILWELL DHT, L.P., US
[85] 2015-02-17
[86] 2013-08-29 (PCT/US2013/057322)
[87] (WO2014/036283)
[30] US (61/694,652) 2012-08-29

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[51] **Int.Cl. F24F 7/06 (2006.01) F04D 25/08 (2006.01) F24F 13/20 (2006.01)**
[25] EN
[54] **VENTILATION EXHAUST FAN**
[54] **VENTILATEUR D'EVACUATION DE VENTILATION**
[72] PENLESKY, ROBERT G., US
[72] KARST, DANIEL L., US
[72] ZAKULA, MIRKO, US
[72] ADRIAN, JOHN R., US
[73] BROAN-NUTONE LLC, US
[85] 2015-02-25
[86] 2013-08-12 (PCT/US2013/054531)
[87] (WO2014/035649)
[30] US (13/597,123) 2012-08-28

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[51] **Int.Cl. A61M 39/20 (2006.01)**
[25] EN
[54] **ADAPTER CAP FOR DRUG TRANSFER ASSEMBLY**
[54] **CAPUCHON D'ADAPTATEUR POUR ENSEMBLE TRANSFERT DE MEDICAMENT**
[72] IVOSEVIC, MILAN, US
[73] BECTON DICKINSON AND COMPANY LTD., IE
[85] 2015-02-26
[86] 2013-09-11 (PCT/US2013/059172)
[87] (WO2014/043183)
[30] US (61/699,457) 2012-09-11

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[51] **Int.Cl. C12Q 1/68 (2006.01) C40B 30/04 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHODS FOR ASSESSMENT OF PEPTIDE-SPECIFIC IMMUNITY**
[54] **PROCEDES POUR L'ESTIMATION DE L'IMMUNITE SPECIFIQUE D'UN PEPTIDE**
[72] MITSUHASHI, MASATO, US
[73] HITACHI CHEMICAL CO., LTD., JP
[73] HITACHI CHEMICAL CO. AMERICA, LTD., US
[85] 2015-03-04
[86] 2013-08-19 (PCT/US2013/055605)
[87] (WO2014/039231)
[30] US (61/697,591) 2012-09-06

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[13] C
[51] **Int.Cl. G01N 21/359 (2014.01) G01N 21/05 (2006.01) G01N 21/85 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING ENERGY CONTENT AND DETECTING CONTAMINANTS IN A FLUID STREAM**
[54] **PROCEDE ET SYSTEME POUR DETERMINER UNE QUANTITE D'ENERGIE ET DETECTER DES CONTAMINANTS DANS UN COURANT DE FLUIDE**
[72] LITTLE, JOSEPH PAUL, III, US
[72] THOMAS, MATTHEW R., US
[73] JP3 MEASUREMENT, LLC, US
[85] 2015-03-12
[86] 2013-09-17 (PCT/US2013/060087)
[87] (WO2014/043673)
[30] US (61/702,151) 2012-09-17
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[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **SCREW JOINT FOR STEEL PIPE**
[54] **JOINT FILETE POUR TUYAU D'ACIER**
[72] OKU, YOUSUKE, JP
[72] YAMAMOTO, TATSUYA, JP
[72] SUGINO, MASAAKI, JP
[72] ELDER, RUSSELL, US
[73] VALLOUREC OIL AND GAS FRANCE, FR
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-03-16
[86] 2013-09-11 (PCT/JP2013/074562)
[87] (WO2014/045973)
[30] JP (2012-208600) 2012-09-21

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[13] C
[51] **Int.Cl. C23C 14/04 (2006.01) C23C 4/01 (2016.01) C23C 24/00 (2006.01) F01D 5/18 (2006.01) F01D 5/28 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A TURBINE ASSEMBLY**
[54] **PROCEDE DE FABRICATION D'UN ENSEMBLE TURBINE**
[72] MUGGLESTONE, JONATHAN, GB
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-03-19
[86] 2013-08-23 (PCT/EP2013/067527)
[87] (WO2014/053272)
[30] EP (12187429.1) 2012-10-05

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[25] EN
[54] **FLUIDIC METHODS AND DEVICES**
[54] **PROCEDES ET DISPOSITIFS FLUIDIQUES**
[72] MURISON, BRUCE, CA
[73] OBOTICS INC., CA
[85] 2015-03-24
[86] 2013-09-26 (PCT/CA2013/000809)
[87] (WO2014/047718)
[30] US (61/705,809) 2012-09-28

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[51] **Int.Cl. G10L 19/03 (2013.01) G10L 21/0388 (2013.01) G10L 19/028 (2013.01) G10L 19/02 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ENCODING AND DECODING AN ENCODED AUDIO SIGNAL USING TEMPORAL NOISE/PATCH SHAPING**
[54] **APPAREIL ET PROCEDE POUR CODER ET DECODER UN SIGNAL AUDIO CODE A L'AIDE D'UN BRUIT TEMPORAL/CONFORMATION DE CORRECTION**
[72] DISCH, SASCHA, DE
[72] NAGEL, FREDERIK, DE
[72] GEIGER, RALF, DE
[72] THOSHKAHNA, BALAJI NAGENDRAN, DE
[72] SCHMIDT, KONSTANTIN, DE
[72] BAYER, STEFAN, DE
[72] NEUKAM, CHRISTIAN, DE
[72] EDLER, BERND, DE
[72] HELMRICH, CHRISTIAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-03-27
[86] 2014-07-15 (PCT/EP2014/065123)
[87] (WO2015/010954)
[30] EP (13177353.3) 2013-07-22
[30] EP (13177350.9) 2013-07-22
[30] EP (13177348.3) 2013-07-22
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[13] C
[51] **Int.Cl. G01D 3/032 (2006.01) G01R 33/022 (2006.01) G07D 7/04 (2016.01) G07D 7/20 (2016.01)**
[25] EN
[54] **SIGNAL PROCESSING DEVICE, SIGNAL PROCESSING METHOD AND INFORMATION READING APPARATUS**
[54] **DISPOSITIF DE TRAITEMENT DE SIGNAUX, PROCEDE DE TRAITEMENT DE SIGNAUX ET DISPOSITIF DE LECTURE D'INFORMATIONS**
[72] TOYODA, YOSHITAKA, JP
[72] YAMANAKA, SATOSHI, JP
[72] FUJIYAMA, NAOYUKI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2015-04-02
[86] 2013-11-13 (PCT/JP2013/080685)
[87] (WO2014/077276)
[30] JP (2012-250055) 2012-11-14

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[51] **Int.Cl. H02J 3/00 (2006.01)**
[25] EN
[54] **WIND POWER INSTALLATION AND METHOD FOR INJECTING ELECTRICAL ENERGY**
[54] **EOLIENNE ET PROCEDE D'INJECTION D'ENERGIE ELECTRIQUE**
[72] DIEDRICHS, VOLKER, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-04-07
[86] 2013-10-17 (PCT/EP2013/071771)
[87] (WO2014/072159)
[30] DE (10 2012 220 582.9) 2012-11-12

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[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING AN INTERACTIVE SERVICE**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'UN SERVICE INTERACTIF**
[72] KIM, KYUNGHO, KR
[72] LEE, MINSOO, KR
[72] PARK, JANGWOONG, KR
[72] YANG, SEUNGRYUL, KR
[72] KIM, JINPIL, KR
[72] MOON, KYOUNGSOO, KR
[72] BAE, JANGHUN, KR
[72] LEE, JAEKOO, KR
[72] KWON, YOUNGHWAN, KR
[72] AN, SEUNGJOO, KR
[72] LEE, HYEONJAE, KR
[72] OH, SEJIN, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-04-09
[86] 2013-10-17 (PCT/KR2013/009303)
[87] (WO2014/062018)
[30] US (61/718,679) 2012-10-25
[30] US (61/721,007) 2012-10-31
[30] US (61/715,317) 2012-10-18

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[13] C
[51] **Int.Cl. F16L 19/00 (2006.01) F16L 9/06 (2006.01) F16L 11/15 (2006.01)**
[25] EN
[54] **CONNECTION SYSTEM FOR CORRUGATED PIPES**
[54] **DISPOSITIF DE RACCORD POUR TUYAUX ONDULES**
[72] NIELINGER, HELGA, DE
[72] POST, MARC, DE
[72] HOMANN, JOERN, DE
[73] BRUGG ROHR AG HOLDING, CH
[86] (2888031)
[87] (2888031)
[22] 2015-04-14
[30] DE (10 2014 105 555.1) 2014-04-17

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[13] C
[51] **Int.Cl. B60J 1/00 (2006.01) B32B 17/10 (2006.01) B60J 1/10 (2006.01)**
[25] EN
[54] **POLYMERIC VEHICLE WINDOW PANE WITH LED ASSEMBLY**
[54] **VITRE DE VEHICULE EN POLYMERE AVEC AGENCEMENT DE LED**
[72] BENYAHIA, RYM, DE
[73] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2015-04-10
[86] 2013-10-14 (PCT/EP2013/071394)
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[25] EN
[54] **METHOD OF JOINING PIPES AND FITTINGS WITH MECHANICAL RESTRAINT MEMBERS**
[54] **METHODE DE RACCORDEMENT DE TUYAUX ET RACCORDS DOTES D'ELEMENTS DE RESTRICTION MECANIQUE**
[72] CONRAD, WAYNE ERNEST, CA
[72] PETERSEN, DAVE, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
[86] (2888402)
[87] (2888402)
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[25] EN
[54] **PLATE HEAT EXCHANGER HAVING SEALED CONSTRUCTION**
[54] **ECHANGEUR DE CHALEUR A PLAQUES DE TYPE ETANCHEIFIE**
[72] FRANZ, MARCUS, DE
[72] KOCH, CHRISTOPH, DE
[72] SCHWARZBART, WERNER, DE
[72] HAUSER, ROBERT, DE
[73] SGL CARBON SE, DE
[85] 2015-04-28
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[25] EN
[54] **NOZZLE FOR DISTRIBUTION OF A FLUID**
[54] **BUSE POUR LA DISTRIBUTION D'UN FLUIDE**
[72] STRAND, TOBIAS, SE
[73] SKANSKA SVERIGE AB, SE
[85] 2015-04-30
[86] 2013-11-01 (PCT/SE2013/051282)
[87] (WO2014/070097)
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[51] **Int.Cl. B23K 20/12 (2006.01)**
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[54] **FRICTION STIR WELDED ASSEMBLY AND ASSOCIATED METHOD**
[54] **ENSEMBLE SOUDE PAR FROTTEMENT ET AGITATION ET PROCEDE ASSOCIE**
[72] AGARWAL, ADITYA N., US
[72] KEENER, STEVEN G., US
[72] RUNYAN, MAX, US
[72] WHITTEN, RONALD S., US
[73] THE BOEING COMPANY, US
[86] (2890972)
[87] (2890972)
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[62] 2,632,679
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[51] **Int.Cl. C10G 1/04 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **DUAL-SOLVENT EXTRACTION OF OIL SAND BITUMEN**
[54] **EXTRACTION DE DOUBLE SOLVANT DE BITUME DE SABLES BITUMINEUX**
[72] WU, XIN ALEX, CA
[72] BHATTACHARYA, SUJIT, CA
[73] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[86] (2895118)
[87] (2895118)
[22] 2015-06-15

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[13] C
[51] **Int.Cl. B63H 23/08 (2006.01)**
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[54] **TROLLING MOTOR WITH POWER STEERING**
[54] **PROPULSEUR ELECTRIQUE A DIRECTION ASSISTEE**
[72] BERNLOEHR, DARREL A., US
[72] SAMEK, DAVID M., US
[72] ALDERS, JUSTIN, US
[73] JOHNSON OUTDOORS INC., US
[86] (2895863)
[87] (2895863)
[22] 2015-06-29
[30] US (62/020,159) 2014-07-02
[30] US (14/746,448) 2015-06-22

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[25] EN
[54] **METHOD FOR PRODUCING CARBON NANOSTRUCTURES, AND DEVICE**
[54] **PROCEDE DE FABRICATION DE NANOSTRUCTURES D'HYDROCARBURES ET APPAREIL CORRESPONDANT**
[72] PREDTECHENSKIY, MIKHAIL RUDOLFOVICH, RU
[73] MCD TECHNOLOGIES SARL, LU
[85] 2015-06-25
[86] 2013-01-22 (PCT/RU2012/001053)
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[25] EN
[54] **ANHYDRIDE ACCELERATORS FOR EPOXY RESIN SYSTEMS**
[54] **ACCELERATEURS D'ANHYDRIDE POUR DES SYSTEMES DE RESINE EPOXY**
[72] LAL, GAURI SANKAR, US
[72] VEDAGE, GAMINI ANANDA, US
[72] BOYCE, STEPHEN MICHAEL, US
[72] PATEL, PRITESH G., US
[72] SHAH, DILIPKUMAR NANDLAL, US
[72] ABDOURAZAK, ATTEYE HOUSSEIN, US
[73] EVONIK DEGUSSA GMBH, DE
[85] 2015-06-25
[86] 2014-02-25 (PCT/US2014/018166)
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[25] EN
[54] **BACKUP BULLET SEAL WITH ACTUATION DELAY FEATURE**
[54] **JOINT DE PROJECTILE DE SECOURS AVEC FONCTION DE DELAIS D'ACTIONNEMENT**
[72] VARGHESE, SIBU, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-07-02
[86] 2014-01-21 (PCT/US2014/012241)
[87] (WO2014/116554)
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[25] EN
[54] **BLOWABLE INSULATION MATERIAL WITH ENHANCED DURABILITY AND WATER REPELLENCY**
[54] **MATERIAU D'ISOLATION POUVANT ETRE SOUFFLE PRESENTANT UNE DURABILITE ET UNE HYDROPHOBIE AMELIOREES**
[72] ALLAMPALAYAM JAYARAMAN, KANNAN, US
[72] RUMIESZ, JOSEPH JR., US
[72] MASON, VANESSA, US
[73] PRIMALOFT, INC., US
[85] 2015-07-07
[86] 2014-01-10 (PCT/US2014/011004)
[87] (WO2014/116439)
[30] US (61/755,195) 2013-01-22
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[51] **Int.Cl. G02B 6/44 (2006.01) H02G 3/18 (2006.01)**
[25] EN
[54] **GRADE LEVEL ENCLOSURE CONVERSION ASSEMBLY**
[54] **ENSEMBLE DE TRANSFORMATION D'ENVELOPPE DE MODIFICATION DE NIVEAU**
[72] BURKE, EDWARD J., US
[73] CHANNELL COMMERCIAL CORPORATION, US
[85] 2015-07-08
[86] 2014-01-08 (PCT/US2014/010747)
[87] (WO2014/113256)
[30] US (61/752,906) 2013-01-15
[30] US (13/827,594) 2013-03-14

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[25] EN
[54] **ELECTROLYTIC AND MECHANICAL DETACHMENT FOR IMPLANT DELIVERY SYSTEMS**
[54] **DETACHEMENT ELECTROLYTIQUE ET MECANIQUE DESTINE A DES MECANISMES D'INSTALLATION D'IMPLANTS**
[72] KADAM, MADHUR, US
[73] COVIDIEN LP, US
[86] (2897596)
[87] (2897596)
[22] 2015-07-17
[30] US (14/454,930) 2014-08-08

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[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **DEEP PACKET INSPECTION METHOD, DEVICE, AND COPROCESSOR**
[54] **METHODE D'INSPECTION DE PAQUET EN PROFONDEUR, DISPOSITIF ET COPROCESSEUR**
[72] KFIR, AVIV, CN
[72] MOSCOVICI, DANIEL, CN
[72] ZAK, EMIL, CN
[72] MO, MO, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-07-13
[86] 2014-01-21 (PCT/CN2014/071025)
[87] (WO2015/018188)
[30] CN (201310337064.6) 2013-08-05

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[25] EN
[54] **BLADDER STRESS REDUCER CAP**
[54] **BOUCHON DE REDUCTEUR DE CONTRAINTE DE CITERNE**
[72] MERRILL, DAN A., US
[72] MCKINNEY, KELSEY A., US
[72] PYRON, STEVEN W., US
[72] DONNELL, JIMMY J., US
[72] BIERIG, KEVIN R., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-07-15
[86] 2014-01-22 (PCT/US2014/012421)
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[51] **Int.Cl. B25J 5/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR POSITIONING AUTOMATED PROCESSING SYSTEMS**
[54] **PROCEDE ET APPAREIL POUR POSITIONNER DES SYSTEMES DE TRAITEMENT AUTOMATISE**
[72] BUTTRICK, JAMES N., US
[73] THE BOEING COMPANY, US
[85] 2015-07-20
[86] 2014-02-13 (PCT/US2014/016315)
[87] (WO2014/149265)
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[51] **Int.Cl. G06F 21/00 (2013.01) G06F 9/44 (2006.01)**
[25] EN
[54] **SECURE INTERFACE FOR INVOKING PRIVILEGED OPERATIONS**
[54] **INTERFACE SECURISEE POUR INVOQUER DES OPERATIONS PRIVILEGIEES**
[72] BRANDWINE, ERIC JASON, US
[72] WILSON, MATTHEW SHAWN, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-07-21
[86] 2014-01-22 (PCT/US2014/012604)
[87] (WO2014/116743)
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[13] C
[51] **Int.Cl. A23L 3/18 (2006.01)**
[25] EN
[54] **MICROBIAL REDUCTION IN NUTRITIONAL PRODUCT USING AN EXTRUSION PROCESS**
[54] **REDUCTION MICROBIENNE DE PRODUIT NUTRITIONNEL A L'AIDE D'UN PROCESSUS D'EXTRUSION**
[72] WEARLY, DOUGLAS, US
[72] LAU, EIK-LANG, US
[72] MAZER, TERRENCE, US
[72] DEWILLE, NORMANELLA, US
[72] KATZ, GARY, US
[72] FOX, WENDY, US
[73] ABBOTT LABORATORIES, US
[85] 2015-07-27
[86] 2014-03-12 (PCT/US2014/023919)
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[51] **Int.Cl. G05B 19/042 (2006.01)**
[25] EN
[54] **CLOUD ENABLED BUILDING AUTOMATION SYSTEM**
[54] **SYSTEME D'IMMOTIQUE DE BATIMENT EN NUAGE**
[72] WEI, DONG, US
[72] DARIE, FLORIN, US
[72] JI, KUN, US
[72] SONG, ZHEN, US
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-08-07
[86] 2014-02-10 (PCT/US2014/015520)
[87] (WO2014/124353)
[30] US (13/763,870) 2013-02-11
[30] US (13/916,871) 2013-06-13

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[13] C
[51] **Int.Cl. B60P 7/04 (2006.01) B62D 33/027 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **ADJUSTABLE TENSIONING MECHANISM FOR A SOFT ROLL UP TONNEAU COVER**
[54] **MECANISME TENDEUR REGLABLE POUR UN COUVERCLE DE TONNEAU SOUPLE**
[72] WILLIAMSON, SCOTT, US
[72] KOSINSKI, DAVID, US
[73] RUGGED LINER, INC., US
[86] (2904296)
[87] (2904296)
[22] 2015-09-15
[30] US (62/050,355) 2014-09-15

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[51] **Int.Cl. G03B 17/08 (2006.01)**
[25] EN
[54] **UNDERWATER CAMERA**
[54] **CAMERA SOUS-MARINE**
[72] SUNG, SEUK KYUNG, KR
[73] GREEN TECH CO., LTD., KR
[86] (2904549)
[87] (2904549)
[22] 2015-09-16
[30] KR (10-2014-0139998) 2014-10-16

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[51] **Int.Cl. E21B 1/24 (2006.01)**
[25] EN
[54] **PERCUSSION PISTON**
[54] **PISTON A PERCUSSION**
[72] MUUTTONEN, TIMO, FI
[72] KOSKIMAKI, ANTTI, FI
[72] KOTALA, ARI, FI
[72] LEINO, TIMO, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[86] (2905470)
[87] (2905470)
[22] 2015-09-29
[30] EP (14194091.6) 2014-11-20

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[25] EN
[54] **INTELLIGENT SEA WATER COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT INTELLIGENT A EAU DE MER**
[72] YIN, DAN, US
[72] WERNER, STEFAN, DE
[72] MCKINSTRY, DAVID, US
[72] BRAUN, EDWIN, DE
[72] MARTIN, CHRISTIAN, DE
[72] HOFFMANN, MARTIN, DE
[72] HOPF, CHRISTIAN, DE
[72] BAIRD, ALISTAIR, US
[73] IMO INDUSTRIES, INC., US
[85] 2015-09-17
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[54] **METHOD AND SYSTEM FOR PROCESSING OPERATION REQUESTS**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE DEMANDES D'OPERATION**
[72] LI, DONGSHENG, CN
[73] TENDYRON CORPORATION, CN
[85] 2015-09-24
[86] 2014-04-01 (PCT/CN2014/074520)
[87] (WO2014/161469)
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[51] **Int.Cl. E03D 9/00 (2006.01)**
[25] EN
[54] **TOILET BOWL TRAPPING DEVICE**
[54] **DISPOSITIF DE PIEGE DE CUVETTE DE TOILETTE**
[72] HANIFL, PAUL, US
[72] STEFFENS, JEFF, US
[72] MORAN, TIM, US
[72] BECK, DAVID, US
[72] DAVIS, GREGORY, US
[73] SAGE PRODUCTS, LLC, US
[85] 2015-09-24
[86] 2013-06-18 (PCT/US2013/046319)
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[25] EN
[54] **INTERACTIVE ELEMENTS IN A USER INTERFACE**
[54] **ELEMENTS INTERACTIFS DANS UNE INTERFACE UTILISATEUR**
[72] LUU, FRANCIS, US
[72] TICE, CHRISTOPHER, US
[73] FACEBOOK, INC., US
[85] 2015-09-24
[86] 2014-04-01 (PCT/US2014/032522)
[87] (WO2014/165511)
[30] US (61/807,432) 2013-04-02
[30] US (13/959,673) 2013-08-05

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[25] EN
[54] **REACTOR**
[54] **REACTEUR**
[72] HIRATA, SHUICHI, JP
[72] SHINOHARA, NOBUKI, JP
[72] OKADA, TAKESHI, JP
[72] KAMIKAWA, YOSHIKAZU, JP
[72] HIRASAWA, KAZUO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] TOKAI KOGYO CO., LTD., JP
[85] 2015-09-25
[86] 2014-03-27 (PCT/IB2014/000440)
[87] (WO2014/155187)
[30] JP (2013-069777) 2013-03-28

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[51] **Int.Cl. E21B 43/25 (2006.01) C09K 8/56 (2006.01) C09K 8/62 (2006.01) E21B 43/04 (2006.01)**
[25] EN
[54] **AMPHOLYTE POLYMERIC COMPOUNDS IN SUBTERRANEAN APPLICATIONS**
[54] **COMPOSES POLYMERES AMPHOLYTES DANS DES APPLICATIONS SOUTERRAINES**
[72] CHUNG, HSINCHEN, US
[72] HU, YUNTAO THOMAS, US
[72] YE, XIANGNAN, US
[72] TONMUKAYAKUL, NARONGSAK, US
[72] MCCABE, MICHAEL A., US
[72] FREDERICK, KEVIN WALTER, US
[72] CHEN, SHIH-RUEY TOM, US
[72] LOEFFLER, RANDY JACK, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-29
[86] 2014-05-23 (PCT/US2014/039368)
[87] (WO2014/193756)
[30] US (61/829,609) 2013-05-31
[30] US (13/929,835) 2013-06-28

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[13] C
[51] **Int.Cl. G01G 7/00 (2006.01) G01G 19/04 (2006.01) G01G 19/06 (2006.01)**
[25] EN
[54] **TRANSPORT RAIL SYSTEM WITH WEIGHING MEANS**
[54] **SYSTEME DE RAIL DE TRANSPORT AVEC MOYEN DE PESEE**
[72] WARZECHA, VOLKER, DE
[72] KUEHBANDNER, ERICH, DE
[73] BAYERN ENGINEERING GMBH & CO. KG, DE
[85] 2015-10-02
[86] 2014-04-04 (PCT/EP2014/056815)
[87] (WO2014/166834)
[30] EP (13162814.1) 2013-04-08

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[51] **Int.Cl. E21B 4/04 (2006.01) E21B 3/00 (2006.01)**
[25] EN
[54] **POSITIONABLE DOWNHOLE GEAR BOX**
[54] **MULTIPLICATEUR DE VITESSE DE FOND DE TROU APTE A ETRE POSITIONNE**
[72] WINSLOW, DANIEL MARTIN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-10-08
[86] 2013-05-10 (PCT/US2013/040544)
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[25] EN
[54] **ROTOR AND METHOD FOR PRODUCING A ROTOR**
[54] **ROTOR ET PROCEDE SERVANT A FABRIQUER UN ROTOR**
[72] SEDLAK, HOLGER, DE
[72] KNIFFLER, OLIVER, DE
[73] EFFICIENT ENERGY GMBH, DE
[85] 2015-10-16
[86] 2014-04-10 (PCT/EP2014/057280)
[87] (WO2014/170207)
[30] DE (10 2013 206 787.9) 2013-04-16

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[51] **Int.Cl. H01M 8/0276 (2016.01) H01M 8/2475 (2016.01) H01M 2/06 (2006.01) H01M 2/08 (2006.01)**
[25] EN
[54] **A FUEL CELL DEVICE WITH IMPROVED SET SCREW SEALING**
[54] **UN DISPOSITIF DE PILE A COMBUSTIBLE DOTE D'UN JOINT A VIS FIXE**
[72] TAKEYAMA, MAKOTO, JP
[72] TAKAYAMA, TATEKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909847)
[87] (2909847)
[22] 2015-10-20
[30] JP (2014-230526) 2014-11-13

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[13] C
[51] **Int.Cl. H01M 8/0662 (2016.01)**
[25] EN
[54] **GAS LIQUID SEPARATOR AND FUEL CELL SYSTEM**
[54] **SEPARATEUR GAZ-LIQUIDE ET SYSTEME DE PILE A COMBUSTIBLE**
[72] HOTTA, YUTAKA, JP
[72] ITOGA, MICHITARO, JP
[72] TAKAYAMA, TATEKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909869)
[87] (2909869)
[22] 2015-10-22
[30] JP (2014-231294) 2014-11-14

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[51] **Int.Cl. B26B 13/00 (2006.01)**
[25] EN
[54] **CUTTER**
[54] **DISPOSITIF COUPANT**
[72] TSAI, CHUNG, TW
[73] HONG JIN INDUSTRY CO., LTD., TW
[86] (2910217)
[87] (2910217)
[22] 2015-10-22

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[13] C
[51] **Int.Cl. H04W 64/00 (2009.01)**
[25] EN
[54] **DATA TRANSMISSION METHOD, BASE STATION, AND WIRELESS COMMUNICATIONS DEVICE**
[54] **PROCEDE DE TRANSMISSION DE DONNEES, STATION DE BASE, ET DISPOSITIF DE TELECOMMUNICATION SANS FIL**
[72] ZENG, QINGHAI, CN
[72] ZHANG, JIAN, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-10-23
[86] 2013-04-26 (PCT/CN2013/074812)
[87] (WO2014/172896)

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[13] C
[51] **Int.Cl. H01M 4/13 (2010.01) H01M 4/139 (2010.01) H01M 10/05 (2010.01) H01M 4/62 (2006.01)**
[25] EN
[54] **NONAQUEOUS ELECTROLYTE SECONDARY BATTERY AND METHOD OF MANUFACTURING THE SAME**
[54] **BATTERIE SECONDAIRE A ELECTROLYTE NON AQUEUX ET PROCEDE DE FABRICATION ASSOCIE**
[72] UMEYAMA, HIROYA, JP
[72] HASHIMOTO, TATSUYA, JP
[72] WADA, NAOYUKI, JP
[72] FUKUMOTO, YUSUKE, JP
[72] ONODERA, NAOTO, JP
[72] YOKOYAMA, YUJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **ELECTRIC SUBMERSIBLE PUMP INVERTED SHROUD ASSEMBLY**
[54] **ENSEMBLE D'ENVELOPPE INVERSEE POUR POMPE SUBMERSIBLE ELECTRIQUE**
[72] NOWITZKI, WESLEY JOHN, US
[72] STEWART, JOSEPH, US
[72] ROBERTS, RANDY S., US
[72] STERLING, MICHAEL EDWARD, US
[73] SUMMIT ESP, LLC, US
[86] (2911955)
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[54] **METHOD AND APPARATUS FOR SELECTIVE INJECTION**
[54] **METHODE ET APPAREIL D'INJECTION SELECTIVE**
[72] BROUSSARD, JOHN PATRICK, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2912239)
[87] (2912239)
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[54] **BELT REPLACEMENT DEVICE**
[54] **DISPOSITIF DE REMPLACEMENT DE COURROIE**
[72] KIM, SUNG KYU, KR
[72] DO, JONG GU, KR
[72] LEE, SANG BONG, KR
[72] LEE, SUCK YOUN, KR
[73] HYUNDAI STEEL COMPANY, KR
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[54] **DRIVE SYSTEM FOR HANDRAILS OF WALKWAYS AND MOVING STAIRS**
[54] **SYSTEME D'ENTRAINEMENT POUR MAINS COURANTES DE VOIES PIETONNIERES ET D'ESCALIERS ROULANTS**
[72] GONZALEZ ALEMANY, MIGUEL ANGEL, ES
[72] GONZALEZ PANTIGA, JUAN DOMINGO, ES
[72] GONZALEZ FERNANDEZ, ENRIQUE, ES
[72] MENDIOLAGOITIA JULIANA, JOSE, ES
[72] OJEDA ARENAS, JOSE, ES
[72] ROS ZUAZUA, PEDRO, ES
[72] MORAN GARCIA, EDUARDO, ES
[72] QUIROGA SANCHEZ, ANA BELEN, ES
[72] FERNANDEZ ALVAREZ, LUIS JOAQUIN, ES
[72] FLORES CASTRO, ALBERTO, ES
[72] MARTINEZ GUTIERREZ, JAVIER, ES
[73] THYSSENKRUPP ELEVATOR INNOVATION CENTER, S.A., ES
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[54] **APPARATUS AND METHOD FOR GENERATING DOWNHOLE FLUID PRESSURE PULSES**
[54] **APPAREIL ET METHODE SERVANT A GENERER DES IMPULSIONS DE PRESSION DE FLUIDE DANS UN TROU DE FORAGE**
[72] BROWN-KERR, WILLIAM, GB
[72] MCGARIAN, BRUCE HERMANN FORSYTH, GB
[73] HALLIBURTON MANUFACTURING AND SERVICES LIMITED, GB
[85] 2015-12-02
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[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE DE SURFACES**
[72] CONRAD, WAYNE ERNEST, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
[86] (2915197)
[87] (2915197)
[22] 2015-12-15
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[54] **HOUSSE DE SIEGE ET SIEGE DE VEHICULE**
[72] ABE, HITOSHI, JP
[73] TACHI-S CO., LTD., JP
[86] (2915605)
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[54] **ESTABLISHMENT OF DUAL CONNECTIVITY**
[54] **ETABLISSEMENT DE CONNECTIVITE DOUBLE**
[72] VIKBERG, JARI, SE
[72] WALLENTIN, PONTUS, SE
[72] L. J. DA SILVA, ICARO, SE
[72] RUNE, JOHAN, SE
[72] MILDH, GUNNAR, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **IMPACT REDUCING SPORT EQUIPMENT**
[54] **EQUIPEMENT DE SPORT A IMPACT REDUIT**
[72] GUERRA, DAVID A., CA
[73] GUERRA, DAVID A., CA
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[54] **TORSION WRINGER**
[54] **ESSOREUR A TORSION**
[72] WEIS, NORBERT, DE
[72] DINGERT, UWE, DE
[72] HOHENHAUS, JOHANNES, DE
[72] WALLBAUM, REINER, DE
[73] CARL FREUDENBERG KG, DE
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[54] **THIRD-PARTY CAPTIVE PORTAL**
[54] **PORTAIL CAPTIF TIERS**
[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
[72] HUGHES, CHARLES J., US
[72] TSENG, ERICK, US
[73] FACEBOOK, INC., US
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[54] **FOAMER DISPENSER**
[54] **DISTRIBUTEUR DE PRODUIT MOUSSANT**
[72] MIZUSHIMA, HIROSHI, JP
[72] SASAKI, TSUYOSHI, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
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[86] 2014-05-16 (PCT/JP2014/002575)
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[54] **COOLING TOWER FILL**
[54] **REMPLISSAGE DE TOUR DE REFROIDISSEMENT**
[72] SHIN, YOON K., US
[72] HARRISON, RICHARD H., US
[72] CHARLTON, RAYMOND, US
[72] EGOLF, KEVIN, US
[73] BALTIMORE AIRCOIL COMPANY, INC., US
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[25] EN
[54] **HARQ FEEDBACK USING CARRIER AGGREGATION**
[54] **RETROACTION HARQ UTILISANT UNE AGREGATION DE PORTEUSES**
[72] BERGGREN, FREDRIK, SE
[72] CHENG, YAN, SE
[72] XUE, LIXIA, SE
[72] MAZZARESE, DAVID, SE
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SPACER FOR INSULATING GLAZING UNITS**
[54] **ENTRETOISE POUR VITRAGES ISOLANTS**
[72] KUSTER, HANS-WERNER, DE
[72] SCHREIBER, WALTER, DE
[72] RIGAUD, MARTIN, CH
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **COAL TRAY ASSEMBLY OF A BARBECUE GRILL**
[54] **ENSEMBLE DE PLATEAU A CHARBON POUR GRILLE DE BARBECUE**
[72] HUANG, KUO-CHAN, TW
[73] INDUSTRO INTERNATIONAL CO., LTD., TW
[86] (2923069)
[87] (2923069)
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[30] TW (104112951) 2015-04-23

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[25] EN
[54] **PRODUCTION METHOD OF ELECTRODE CATALYST**
[54] **PROCEDE DE PRODUCTION D'UN CATALYSEUR A ELECTRODE**
[72] NAKAMURA, YOKO, JP
[72] NAGAMORI, KIYOTAKA, JP
[72] MIZUSAKI, TOMOTERU, JP
[72] TSUBAKI, TAKUYA, JP
[73] N.E. CHEMCAT CORPORATION, JP
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[54] **DEACTIVATION METHOD AND SYSTEM IN CROSSTALK SCENARIO**
[54] **PROCEDE ET SYSTEME DE DESACTIVATION DANS UN SCENARIO DE DIAPHONIE**
[72] LV, JIE, CN
[72] WANG, XIANG, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-03-16
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[25] EN
[54] **ENERGY GENERATING APPARATUS AND ENERGY GENERATING METHOD AND CONTROL ASSEMBLY AND REACTION VESSEL THEREFORE**
[54] **APPAREIL DE PRODUCTION D'ENERGIE ET PROCEDE DE PRODUCTION D'ENERGIE ET MECANISME DE COMMANDE ET RECIPIENT DE REACTION CONNEXES**
[72] KOTZIAS, BERNHARD, DE
[72] SCHLIWA, RALF, DE
[72] VAN TOOR, JAN, DE
[73] AIRBUS DEFENCE AND SPACE GMBH, DE
[73] AIRBUS OPERATIONS GMBH, DE
[73] AIRBUS DS GMBH, DE
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[25] EN
[54] **METHOD AND APPARATUS FOR ALLOCATING RESOURCES OF A CONTROL CHANNEL IN A MOBILE COMMUNICATION SYSTEM USING ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING**
[54] **PROCEDE ET APPAREIL D'ATTRIBUTION DE RESSOURCES D'UN CANAL DE COMMANDE DANS UN SYSTEME DE COMMUNICATION UTILISANT UN MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE**
[72] HAN, JIN-KYU, KR
[72] KWON, HWAN-JOON, KR
[72] LEE, JU-HO, KR
[72] KIM, YOUNG-BUM, KR
[72] KIM, BYUNG-SIK, KR
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[54] **ENHANCED SUBCHANNEL SELECTIVE TRANSMISSION PROCEDURE**
[54] **PROCEDURE AMELIOREE POUR L'EMISSION SELECTIVE DE SOUS-CANAL**
[72] ASTERJADHI, ALFRED, US
[72] TIAN, BIN, US
[72] MERLIN, SIMONE, US
[72] JAFARIAN, AMIN, US
[73] QUALCOMM INCORPORATED, US
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[54] **CENTRALISER HAVING CIRCUMFERENTIALLY DISPOSED FINGERS AND ARMS**
[54] **CENTREUR COMPORTANT DES DOIGTS ET DES BRAS DISPOSES CIRCONFERENTIELLEMENT**
[72] MACLEOD, IAIN, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **REPEATING UNIT, MULTI-NEEDLE MACHINE AND METHOD FOR PRODUCING REINFORCED MATERIALS**
[54] **UNITE DE REPETITION, MACHINE MULTI-AIGUILLES ET PROCEDE DE PRODUCTION DE MATERIAUX RENFORCES**
[72] ENDRES, GREGOR CHRISTIAN, DE
[72] WEBER, HANS-JURGEN, DE
[73] AIRBUS DEFENCE AND SPACE GMBH, DE
[73] AIRBUS OPERATIONS GMBH, DE
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[54] **DRAWBAR**
[54] **FLECHE D'ATTELAGE**
[72] SCHARMULLER, JOSEF, AT
[72] SCHARMULLER, JOSEF JUN., AT
[72] SCHARMULLER, CHRISTINE, AT
[73] SCHARMULLER, JOSEF, AT
[73] SCHARMULLER, JOSEF JUN., AT
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[25] EN
[54] **BASEBAND NEARFIELD MAGNETIC STRIPE DATA TRANSMITTER**
[54] **EMETTEUR DE DONNEES DE BANDE MAGNETIQUE EN CHAMP PROCHE A BANDE DE BASE**
[72] WALLNER, GEORGE, US
[73] SAMSUNG PAY, INC., US
[85] 2016-05-05
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[25] EN
[54] **MONITORING SYSTEM FOR USE IN SEISMIC INSTRUMENT ARRANGEMENT IN PETROLEUM EXPLORATION**
[54] **SYSTEME DE SURVEILLANCE D'INSTALLATION POUR INSTRUMENT SISMIQUE A UTILISER DANS L'EXPLORATION PETROLIERE**
[72] YANG, MAOJUN, CN
[72] LUO, FULONG, CN
[72] LI, GUOSHENG, CN
[72] XIA, YING, CN
[72] HUANG, LEI, CN
[72] SUN, HUADONG, CN
[72] LIU, WEIPING, CN
[72] WANG, YUAN, CN
[73] BGP INC., CHINA NATIONAL PETROLEUM CORPORATION, CN
[73] CHINA NATIONAL PETROLEUM CORPORATION, CN
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[54] **SLIDING RAILS FOR MOUNTING SHELF**
[54] **GLISSIERES COULISSANTES SERVANT A INSTALLER UNE TABLETTE**
[72] YIM, KISUN, KR
[73] DUDUWORLD CO., LTD., KR
[85] 2016-06-06
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[87] (2932280)
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[54] **PARAFFINIC FROTH TREATMENT WITH CONTROLLED AGGREGATION**
[54] **TRAITEMENT DE MOUSSE PARAFFINIQUE A AGREGATION CONTROLEE**
[72] NAIR, HARI, US
[72] LEE, ANITA S., US
[72] SUTTON, CLAY R., US
[72] CHEN, CHIEN-CHIANG, US
[72] ABEL, KEITH A., CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2933966)
[87] (2933966)
[22] 2016-06-22

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[25] EN
[54] **FAN CASE AND FAN CASE MANUFACTURING METHOD**
[54] **BOITIER DE VENTILATEUR ET PROCEDE DE FABRICATION DE BOITIER DE VENTILATEUR**
[72] TANAKA, AGAMU, JP
[72] MORI, YUJI, JP
[72] HARADA, TAKASHI, JP
[72] OKUMURA, IKUO, JP
[72] ISHIMOTO, KENJI, JP
[73] IHI CORPORATION, JP
[73] IHI AEROSPACE CO., LTD., JP
[85] 2016-06-16
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[51] **Int.Cl. C11B 3/04 (2006.01) C10L 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REDUCING RESIDUAL SOAP IN CRUDE TALL OIL**
[54] **METHODE ET SYSTEME DE REDUCTION DU SAVON RESIDUEL DANS LE TALL-OIL BRUT**
[72] KOTONEVA, JARI, FI
[73] UPM-KYMMENE CORPORATION, FI
[86] (2935419)
[87] (2935419)
[22] 2016-07-06
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[51] **Int.Cl. C23F 13/20 (2006.01)**
[25] EN
[54] **CORROSION PROTECTION USING A SACRIFICIAL ANODE**
[54] **PROTECTION CONTRE LA CORROSION A L'AIDE D'UNE ANODE SACRIFICIELLE**
[72] SERGI, GEORGE, GB
[72] SENEVIRATNE, ATTANAYAKE MUDIYANSELAGE GAMINI, GB
[72] WHITMORE, DAVID, GB
[73] VECTOR CORROSION TECHNOLOGIES LTD., CA
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[87] (2936644)
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[54] **BRAKE SYSTEM OF WIRE REEL IN REINFORCING BAR BINDING MACHINE**
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[54] **CONTROLEUR RESEAU, DISQUE A SEMI-CONDUCTEURS ET METHODE DE CONTROLE D'UN DISQUE A SEMI-CONDUCTEURS EN VUE D'ECRIRE DES DONNEES**
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[54] **SUPPORT D'AMORTISSEMENT MULTICOUCHE**
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[54] **JOINT ANNULAIRE SPHERIQUE DE BLOC OBTURATEUR DE PUITS**
[72] HASHEMIAN, MEHDI, US
[72] HAGEN, ANDREAS, DE
[72] NEUMANN, CHRISTOPHER, DE
[72] ALTMUELLER, BERND, DE
[73] FREUDENBERG OIL & GAS, LLC, US
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[54] **DISPOSITIFS ET METHODES DE TRAITEMENT DES EAUX EN FLUX CONTINU**
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[54] **BARRE OMNIBUS REGLABLE POUR EQUIPEMENT DE DISTRIBUTION DE PUISSANCE**
[72] MARONEY, MICHAEL R., US
[73] S&C ELECTRIC COMPANY, US
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[54] **SYSTEME ET PROCEDE D'AUTOMATISATION DE TEST DE LOGICIEL**
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[72] JACQUES, RYAN, US
[73] TURNKEY SOLUTIONS CORP., US
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[54] **METHODE DE CONTROLE D'UN PROCEDE D'EXTRACTION DE SABLE BITUMINEUX A BASE D'EAU**
[72] GERVAIS, OLIVIER, CA
[72] BOHRA, LALIT K., US
[72] KOROLUK, DEVON C., CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **CONTROLE DE PLUSIEURS GROUPES DE DEL**
[72] SUTTLES, BENJAMIN MARSHALL, US
[72] WEISS, DANIEL AARON, US
[72] MARQUES, ANTONIO, US
[73] ABL IP HOLDING LLC, US
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[54] SYSTEME ET PROCEDE DE MAPPAGE DE CONNECTIVITE
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[72] KHAN, ALI RAZA, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-02-07
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[54] METHOD FOR CONTROLLING A TUNABLE WHITE FIXTURE USING A SINGLE HANDLE
[54] METHODE DE CONTROLE D'UN APPAREIL D'ECLAIRAGE BLANC REGLABLE AU MOYEN D'UNE SEULE POIGNEE
[72] CICCARELLI, DAVID, US
[72] WEISS, DANIEL AARON, US
[72] SUTTLES, BENJAMIN MARSHALL, US
[73] ABL IP HOLDING LLC, US
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[54] METHOD FOR FORMING A STABLE FOUNDATION GROUND
[54] METHODE DE FORMATION DE SOL DE FONDATION STABLE
[72] GARZON, MAURICE, CA
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[54] PORTE SUPERIEURE ARTICULEE POUR UNE REMORQUE
[72] MAERTENS, ANDREW JOSEPH, CA
[72] KLOEPFER, MICHAEL, CA
[73] TITAN TRAILERS INC., CA
[85] 2017-06-29
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[72] CAPOBIANCO, STEVEN, US
[72] VAN DEN DRIES, GREGORY, US
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[71] ZINGER, JEREMY, CA
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[25] EN
[54] **MOBILE APPARATUS FOR CARBON-CONTAINING MATERIALS INCLUDING BIOHAZARD WASTES GASIFICATION BY THERMAL DECOMPOSITION AND CONVERSION INTO A LIQUID FUELS**
[54] **APPAREIL MOBILE DESTINE AUX MATIERES RENFERMANT DU CARBONE, Y COMPRIS LA GAZEIFICATION DES DECHETS BIODANGEREUX PAR DECOMPOSITION THERMIQUE ET CONVERSION EN COMBUSTIBLES LIQUIDES**
[72] UNKNOWN, ZZ
[71] DEMENTEV, ALEXANDER, CA
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[51] **Int.Cl. B42D 25/30 (2014.01) B42D 25/21 (2014.01) B42D 25/328 (2014.01) B42D 25/333 (2014.01) B42D 25/351 (2014.01) B42D 25/40 (2014.01) B42D 25/45 (2014.01)**
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[54] **FILIGRANE ET AUTRES CARACTERISTIQUES DE SECURITE DESTINES AUX DOCUMENTS DE SECURITE EN THERMOPLASTIQUE**
[72] THURAILINGAM, THIVA, CA
[72] CRUIKSHANK, DAVID, CA
[72] SUZZARINI, LAURENCE, CA
[72] O'GORMAN, LAWRENCE, CA
[72] CONNELLY, SEAN, CA
[71] CANADIAN BANK NOTE COMPANY, LIMITED, CA
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[54] **PORTABLE DRIVE-OVER CONVEYOR SYSTEM USABLE FOR UNLOADING BELLY DUMP TRUCKS WITH MULTIPLE DISCHARGES AND FOR SIMULTANEOUSLY UNLOADING MORE THAN ONE TRUCK**
[54] **SYSTEME DE COURROIE DE TRANSPORT A ENTRAINEMENT PORTATIF UTILISABLE POUR LE DECHARGEMENT DE CAMIONS A BENNE RONDE DOTE DE PLUSIEURS DISPOSITIFS DE DEVERSEMENT ET LE DECHARGEMENT SIMULTANE DE PLUS D'UN CAMION**
[72] FRIESEN, HENRY, CA
[71] FB INDUSTRIES INC., CA
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[25] EN
[54] **HYDRAULIC SAFETY VALVE INSTALLATION DEVICE**
[54] **DISPOSITIF D'INSTALLATION D'UNE VANNE DE SECURITE HYDRAULIQUE**
[72] UNKNOWN, ZZ
[71] SWEETNAM, JESSE T, CA
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[25] EN
[54] **METHODS AND SYSTEMS FOR PROVIDING INTEGRATED, LOCATION-BASED SERVICES**
[54] **METHODES ET SYSTEMES SERVANT A FOURNIR DES SERVICES INTEGRES FONDES SUR L'EMPLACEMENT**
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[72] CURLEY, PHILLIP ANGUS, CA
[72] LOCKHART, JAMES ERIC, CA
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[72] GAVAGA, QUINN A., CA
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[54] **UNE PLATEFORME DE SIGNALISATION ROUTIERE PORTATIVE ET PLIABLE**
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[54] **ETALONNNAGE EN LIGNE DE COMPTEURS ET DETECTION DE NON-CONFORMITES ELECTRIQUES**
[72] LEONARD, FRANCOIS, CA
[72] ZINFLOU, ARNAUD, CA
[72] VIAU, MATHIEU, CA
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[25] EN
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[54] **UN SYSTEME DE PECHE A LA TURLUTTE AVEC APPAT SUR UNE LIGNE A AMPLITUDE ET FREQUENCE DIFFERENTES**
[72] ZHOU, YU PING, CA
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[54] **BOAT LOADING GUIDE**
[54] **GUIDE DE CHARGEMENT DE BATEAU**
[72] YANYK, ALEX, CA
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[54] **IMPLEMENT OPERATING APPARATUS WITH OPEN END LOADING**
[54] **APPAREIL D'UTILISATION D'ACCESSOIRE A CHARGEMENT A EXTREMITE OUVERTE**
[72] BEAUJOT, NORBERT, CA
[71] SEEDMASTER MANUFACTURING LTD., CA
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[54] **ALGORITHM OF NTPROBNP AND HAND HELD ECG TO DETECT ARRHYTHMIA IN AN ELDERLY POPULATION**
[54] **ALGORITHME DE NTPROBNL ET ECG PORTATIF PERMETTANT DE DETECTER L'ARYTHMIE CHEZ LES PERSONNES AGEES**
[72] EGERMARK, MATHIAS EMIL, CH
[72] KAISER, EDELGARD ANNA, CH
[72] WIENHUES-THELEN, URSULA-HENRIKE, DE
[72] ZAUGG, CHRISTIAN, CH
[72] ZIEGLER, ANDRE, CH
[72] ROSENQVIST, MARTEN, SE
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[54] **METHOD FOR PROPPANT ADDITION TO A FRACTURING FLUID**
[54] **METHODE D'AJOUT D'AGENT DE SOUTENEMENT A UN FLUIDE DE FRACTURATION**
[72] TUDOR, ROBIN, CA
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[54] **SUPPORT LOMBAIRE DESTINE A UNE PERSONNE EN POSITION COUCHEE**
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[71] SPENCER, SCOTT, CA
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[54] **PLAQUE DE PROTECTION D'ARMOIRE DE CUISINE**
[72] CHARLES, BRETT, CA
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[25] EN
[54] **METHOD AND APPARATUS TO PRODUCE SALES OIL IN A SURFACE FACILITY FOR A SOLVENT BASED EOR PROCESS**
[54] **METHODE ET APPAREIL SERVANT A PRODUIRE DU PETROLE COMMERCIAL DANS UNE INSTALLATION DE SURFACE EN VUE D'UN PROCEDE RAH A BASE DE SOLVANT**
[72] KRAWCHUK, PAUL, CA
[72] EICHHORN, MARK ANTHONY, CA
[72] CRAWFORD, EVAN THOMAS, CA
[72] BAWA, GHARANDIP SINGH, CA
[72] LEE, CASSANDRA AMANDA, CA
[71] N-SOLV CORPORATION, CA
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[54] **METHOD AND SYSTEM FOR CONCURRENTLY MONITORING MULTIPLE OBSTETRICS PATIENTS**
[54] **METHODE ET SYSTEME DE SURVEILLANCE EN PARALLELE DE PLUSIEURS PATIENTES EN OBSTETRIQUE**
[72] HAMILTON, EMILY, CA
[72] BENDAVID, BRUNO, CA
[71] PERIGEN, INC., US
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[51] **Int.Cl. G01R 19/165 (2006.01) B60W 50/14 (2012.01) A43B 3/00 (2006.01) G03H 1/22 (2006.01)**
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[54] **SYSTEME DE MISE EN GARDE**
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[25] EN
[54] **EFFICIENTLY PACKAGED READY TO USE INTERMITTENT URINARY CATHETER**
[54] **CATHETER URINAIRE INTERMITTENT PRET A L'EMPLOI EMBALLE EFFICACEMENT**
[72] PALMER, TIMOTHY, US
[71] CURE MEDICAL, LLC, US
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[54] **REGROUPEMENT DE CASSEROLES A POIGNEE RUBAN**
[72] PATEL, RAJ, US
[71] HANDI-FOIL CORPORATION, US
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[54] **DEVICE FOR FEEDING FIBROUS FODDER TO ANIMALS**
[54] **DISPOSITIF D'ALIMENTATION DE FOURRAGE FIBREUX**
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[71] HUNTER, BRYAN ALLAN, CA
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[54] **WATER HEATER SYSTEM**
[54] **SYSTEME DE CHAUFFE-EAU**
[72] CHO, SUNG TAE, KR
[72] CHO, CHUL HEE, KR
[71] DAESUNG CELTIC ENERSYS CO., LTD., KR
[22] 2017-01-11
[41] 2017-10-18
[30] KR (10-2016-0046997) 2016-04-18

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[25] EN
[54] **BUFFER TANK FOR WATER HEATER**
[54] **RESERVOIR TAMPON DESTINE A UN CHAUFFE-EAU**
[72] CHO, SUNG TAE, KR
[72] CHO, CHUL HEE, KR
[71] DAESUNG CELTIC ENERSYS CO., LTD., KR
[22] 2017-01-11
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[54] **HEAT EXCHANGER**
[54] **ECHANGEUR THERMIQUE**
[72] CHO, SUNG TAE, KR
[72] CHO, CHUL HEE, KR
[71] DAESUNG CELTIC ENERSYS CO., LTD., KR
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[25] EN
[54] **TELESCOPING CAP ASSEMBLY FOR ENCAPSULATING A FASTENER DISPOSED WITHIN A CONFINED SPACE**
[54] **ASSEMBLAGE DE CAPUCHON TELESCOPIQUE SERVANT A ENCAPSULER UNE ATTACHE DISPOSEE DANS UN ESPACE CONFINE**
[72] ASTON, RICHARD W., US
[72] TOMZYNSKA, ANNA M., US
[72] LANGMACK, MICHAEL J., US
[72] MARTINEZ, JAZZMIN P., US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **METHOD AND SYSTEM FOR AIRCRAFT TAXI STRIKE ALERTING**
[54] **METHODE ET SYSTEME D'ALERTE DE COLLISION DE TAXI D'AVION**
[72] ELL, TODD, US
[72] RUTKIEWICZ, ROBERT, US
[72] PESIK, JOSEPH T., US
[71] ROSEMOUNT AEROSPACE INC., US
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[25] EN
[54] **GAS TURBINE ENGINE WITH COMPLIANT LAYER FOR TURBINE VANE ASSEMBLIES**
[54] **TURBINE A GAZ A COUCHE CONFORME DESTINEE A DES ASSEMBLAGES D'AUBES DE TURBINE**
[72] VETTERS, DANIEL K., US
[72] PETTY, JACK D., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-02-07
[41] 2017-10-15
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[25] EN
[54] **THRUST BEARING**
[54] **PALIER DE POUSSEE**
[72] ERTAS, BUGRA HAN, US
[72] MOOK, JOSHUA TYLER, US
[72] BELLARDI, JASON JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **METHOD AND APPARATUS FOR MANUFACTURING A TRANSMISSION CASE**
[54] **METHODE ET APPAREIL DE FABRICATION D'UN BOITIER DE TRANSMISSION**
[72] HABEL, MICHAEL JOSEPH, US
[72] CARLONE, GREGORY S., US
[71] FORD MOTOR COMPANY, US
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[30] US (15/134,829) 2016-04-21

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[25] EN
[54] **POWER SPRAYER**
[54] **PULVERISATEUR ELECTRIQUE**
[72] ROSKO, MICHAEL SCOT, US
[72] VOGEL, JOHN D., US
[72] JONTE, PATRICK B., US
[72] REEDER, RYAN A., US
[71] DELTA FAUCET COMPANY, US
[22] 2017-03-03
[41] 2017-10-20
[30] US (15/133,946) 2016-04-20

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[25] EN
[54] **LINKABLE LIGHTING SYSTEMS**
[54] **SYSTEMES D'ECLAIRAGE RELIABLES**
[72] VAN WINKLE, GARY, US
[71] ETI SOLID STATE LIGHTING INC., US
[22] 2017-03-03
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[51] **Int.Cl. B64C 21/02 (2006.01) B64D 33/08 (2006.01)**
[25] EN
[54] **ACTIVE CONTROL FLOW SYSTEM AND METHOD OF COOLING AND PROVIDING ACTIVE FLOW CONTROL**
[54] **SYSTEME DE FLUX DE CONTROLE ACTIF ET METHODE DE REFROIDISSEMENT ET FOURNITURE DE CONTROLE DE FLUX ACTIF**
[72] THOMASSIN, JEAN, CA
[72] MEISELS, DAVID, CA
[72] ULLYOTT, RICHARD, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-03-14
[41] 2017-10-21
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[51] **Int.Cl. F03D 3/02 (2006.01) F03D 80/00 (2016.01) F03D 3/04 (2006.01)**
[25] EN
[54] **IMPROVE ON THE OVERAL QUALITY OF THE VERTICAL AXIS WIND TURBINE**
[54] **AMELIORATION DE LA QUALITE GLOBALE DE LA TURBINE A AXE VERTICAL**
[72] UNKNOWN, ZZ
[71] OHMANN, HANS-ARMIN, CA
[22] 2017-05-10
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[51] **Int.Cl. B01D 43/00 (2006.01)**
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[54] **MULTI-STAGE DRILLING WASTE MATERIAL RECOVERY PROCESS**
[54] **PROCEDE DE RECUPERATION DE MATIERE DE DECHETS DE FORAGE MULTIETAGE**
[72] ROSS, STAN, CA
[72] SUDLOW, PAUL, CA
[71] RECOVER ENERGY SERVICES INC., CA
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[25] EN
[54] **ULTRASONIC FLOW METER LEAK DETECTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE DETECTION DE FUITE DE DEBITMETRE ULTRASONIQUE**
[72] BRENNAN, WILLIAM JAMES, US
[72] WILSON, MICHAEL ALLEN, US
[72] NORTHRUP, WYATT EDWARD, US
[71] NEPTUNE TECHNOLOGY GROUP INC., US
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[41] 2017-10-21
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[25] EN
[54] **PROCESS FOR REMOVING OXIDISABLE GASEOUS COMPOUNDS FROM A GAS MIXTURE BY MEANS OF A PLATINUM-CONTAINING OXIDATION CATALYST**
[54] **PROCEDE D'EXTRACTION DE COMPOSES GAZEUX OXYDABLES D'UN MELANGE DE GAZ AU MOYEN D'UN CATALYSEUR D'OXYDATION RENFERMANT DU PLATINE**
[72] KIEMEL, RAINER, DE
[72] CASU, SANTIAGO, DE
[72] KEMMER, MARTINA, DE
[72] LOCHNER, NICO, DE
[72] WALTER, RICHARD, DE
[71] HERAEUS DEUTSCHLAND GMBH & CO. KG, DE
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[54] **DISPOSITIF D'INTERFACE D'ALIMENTATION**
[72] YUE, STEVEN, TW
[71] YUE, STEVEN, TW
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[30] TW (105111756) 2016-04-15
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[25] EN
[54] **WIDE BEAM, MULTI-HULL ICEBREAKER VESSEL**
[54] **VAISSEAU BRISE-GLACE MULTICOQUE, A BARROT LARGE**
[72] FISCHER, JOSEPH P., US
[71] FISCHER, JOSEPH P., US
[22] 2017-03-24
[41] 2017-10-18
[30] US (15/131,169) 2016-04-18

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 5/0408 (2006.01) A61B 5/053 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING LOCATIONS OF ELECTRODES ON A PATIENT BODY**
[54] **METHODE ET SYSTEME PERMETTANT DE DETERMINER LES EMPLACEMENTS DES ELECTRODES SUR LE CORPS D'UN PATIENT**
[72] URMAN, ROY, IL
[72] KRUPNIK, RONEN, IL
[72] MIZRAHI, LIRON SHMUEL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-03-28
[41] 2017-10-15
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[51] **Int.Cl. A61M 25/10 (2013.01) A61B 8/12 (2006.01)**
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[54] **INFLATABLE BALLOONS FOR A FOLDABLE APPARATUS**
[54] **BALLONS GONFLABLES DESTINES A UN APPAREIL PLIABLE**
[72] BAR-TAL, MEIR, IL
[72] HAIMOVICH, ROEE, IL
[72] HAIMOVICH, DUDU, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[51] **Int.Cl. G08B 29/00 (2006.01)**
[25] EN
[54] **IMPROVED FIRE DETECTOR TEST DEVICE AND METHODS THEREFOR**
[54] **DISPOSITIF DE TEST DE DETECTEUR D'INCENDIE AMELIORE ET METHODES ASSOCIEES**
[72] LANG, SCOTT ROBERT, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-03-29
[41] 2017-10-15
[30] US (15/099,741) 2016-04-15

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[25] EN
[54] **USING DEPTH IN THREE-DIMENSIONAL OBJECT PRINTING TO FORM COLORS THAT CHANGE WITH VIEWING AND ILLUMINATION ANGLES**
[54] **UTILISATION DE LA PROFONDEUR DANS L'IMPRESSION D'OBJET TRIDIMENSIONNEL POUR FORMER DES COULEURS QUI CHANGENT SELON LES ANGLES DE VUE ET D'ILLUMINATION**
[72] MANTELL, DAVID A., US
[71] XEROX CORPORATION, US
[22] 2017-03-31
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[25] EN
[54] **CIRCUIT BREAKERS WITH SHAPED NEUTRAL BUSBARS AND/OR LOAD TERMINALS AND RELATED METHODS**
[54] **COUPE-CIRCUITS A JEU DE BARRES NEUTRE FORME OU BORNES DE CHARGE ET METHODES ASSOCIEES**
[72] HIREMATH, SOMASHEKHARAYYA, US
[72] JIMENEZ, SANDY OMAR, US
[71] EATON CORPORATION, US
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[41] 2017-10-20
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[51] **Int.Cl. H04W 28/04 (2009.01) H04W 4/06 (2009.01) H03M 13/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR RECEIVING A DATA FILE IN A COMMUNICATION SYSTEM**
[54] **DISPOSITIFS ET METHODES DE RECEPTION D'UN FICHIER DE DONNEES DANS UN SYSTEME DE COMMUNICATION**
[72] NATARAHJAN, HARISH, US
[72] JOHNSON, GRAEME PETER, US
[72] MCDONALD, DANIEL J., US
[71] MOTOROLA SOLUTIONS, INC., US
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[41] 2017-10-15
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[51] **Int.Cl. B60P 7/02 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **TONNEAU COVER SYSTEM AND RATCHET CLAMP**
[54] **MECANISME DE COUVERCLE DE TONNEAU ET PINCE A CLIQUET**
[72] FACCHINELLO, JEROME J., US
[72] FABROS, CHARLES A., US
[71] EXTANG CORPORATION, US
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[41] 2017-10-15
[30] US (62/323,052) 2016-04-15
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[51] **Int.Cl. F16K 31/124 (2006.01) F15C 3/00 (2006.01) F15C 3/02 (2006.01)**
[25] EN
[54] **THREE-WAY PRESSURE CONTROL AND FLOW REGULATOR VALVE**
[54] **COMMANDE DE PRESSION A TROIS VOIES ET VANNE DE REGULATEUR DE PRESSION**
[72] JANECKE, JAMES P., US
[71] PARKER-HANNIFIN CORPORATION, US
[22] 2017-04-04
[41] 2017-10-21
[30] US (62/325,737) 2016-04-21

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[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **TONNEAU COVER SYSTEM AND SIDE LOCK CLAMP**
[54] **MECANISME DE COUVERCLE DE TONNEAU ET PINCE DE VERROU LATERAL**
[72] FACCHINELLO, JEROME J., US
[72] FABROS, CHARLES A., US
[72] KOZLOWSKI, BRIAN P., US
[71] EXTANG CORPORATION, US
[22] 2017-04-05
[41] 2017-10-15
[30] US (62/323,017) 2016-04-15
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[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01)**
[25] EN
[54] **TONNEAU COVER SYSTEM AND MULTI-LINK AND/OR OVER-CENTER CLAMP**
[54] **SYSTEME DE COUVERCLE DE TONNEAU ET PINCE A LIENS MULTIPLES OU EXCENTRES**
[72] FACCHINELLO, JEROME J., US
[72] FABROS, CHARLES A., US
[71] EXTANG CORPORATION, US
[22] 2017-04-05
[41] 2017-10-15
[30] US (62/323,134) 2016-04-15
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[51] **Int.Cl. F16C 32/06 (2006.01) F01D 25/16 (2006.01) F02C 7/06 (2006.01) F16C 33/10 (2006.01) F16C 33/74 (2006.01)**
[25] EN
[54] **GAS DISTRIBUTION LABYRINTH FOR BEARING PAD**
[54] **LABYRINTHE DE DISTRIBUTION DE GAZ DESTINE A UN PATIN DE PALIER**
[72] ERTAS, BUGRA HAN, US
[72] MOOK, JOSHUA TYLER, US
[72] BELLARDI, JASON JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-06
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[51] **Int.Cl. F16C 32/06 (2006.01) F01D 25/16 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **BEARING**
[54] **PALIER**
[72] MOOK JOSHUA TYLER, US
[72] ERTAS, BUGRA HAN, US
[72] BELLARDI, JASON JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-06
[41] 2017-10-18
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[51] **Int.Cl. B64D 35/00 (2006.01) B64D 27/24 (2006.01)**
[25] EN
[54] **PROPULSION ENGINE FOR AN AIRCRAFT**
[54] **MOTEUR A PROPULSION DESTINE A UN AERONEF**
[72] NIERGARTH, DANIEL ALAN, US
[72] VONDRELL, RANDY M., US
[72] MILLER, BRANDON WAYNE, US
[72] MARRINAN, PATRICK MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F02C 7/06 (2006.01) B64D 27/00 (2006.01) F01D 19/00 (2006.01) F01D 25/16 (2006.01) F01D 25/18 (2006.01) F02C 7/26 (2006.01) F16C 32/06 (2006.01)**
[25] EN
[54] **OIL-FREE GAS TURBINE ENGINE**
[54] **TURBINE A GAZ SANS HUILE**
[72] ERTAS, BUGRA HAN, US
[72] MOOK, JOSHUA TYLER, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-06
[41] 2017-10-18
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[25] EN
[54] **GAS BEARING SEAL**
[54] **JOINT DE PALIER A GAZ**
[72] MOOK, JOSHUA TYLER, US
[72] ERTAS, BUGRA HAN, US
[72] BELLARDI, JASON JOSEPH, US
[72] GIBSON, NATHAN EVAN MCCURDY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-06
[41] 2017-10-18
[30] US (15/131,154) 2016-04-18

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[51] **Int.Cl. F16N 7/00 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01) F02C 7/36 (2006.01) F16H 57/04 (2010.01) F16J 15/40 (2006.01)**
[25] EN
[54] **OIL TRANSFER UNIT FOR TRANSFERRING OIL BETWEEN A STATIONARY PART AND A ROTATING PART**
[54] **MODULE DE TRANSFERT D'HUILE SERVANT A TRANSFERER L'HUILE ENTRE UNE PIECE STATIONNAIRE ET UNE PIECE ROTATIVE**
[72] GRAVINA, MICHELE, IT
[72] DELLAVALLE, FEDERICO, IT
[72] PERONA, ELIO, IT
[71] GE AVIO S.R.L., IT
[22] 2017-04-06
[41] 2017-10-20
[30] IT (102016000040513) 2016-04-20

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[51] **Int.Cl. F16H 57/04 (2010.01) F01D 25/18 (2006.01)**
[25] EN
[54] **OIL TRANSFER UNIT FOR TRANSFERRING OIL BETWEEN A STATIONARY PART AND A ROTATING PART**
[54] **MODULE DE TRANSFERT D'HUILE SERVANT A TRANSFERER L'HUILE ENTRE UNE PIECE STATIONNAIRE ET UNE PIECE ROTATIVE**
[72] GRAVINA, MICHELE, IT
[72] DELLAVALLE, FEDERICO, IT
[71] GE AVIO S.R.L., IT
[22] 2017-04-06
[41] 2017-10-20
[30] IT (102016000040492) 2016-04-20

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[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/20 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **TURBINE ENGINE AIRFOIL BLEED PUMPING**
[54] **POMPAGE DE PURGE DE PROFIL DYNAMIQUE DE TURBINE**
[72] JOHNSON, STEVEN DOUGLAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-06
[41] 2017-10-15
[30] US (15/099,887) 2016-04-15

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[13] A1
[51] **Int.Cl. F16C 27/02 (2006.01) F01D 25/16 (2006.01) F02C 7/06 (2006.01) F16C 23/04 (2006.01) F16C 33/08 (2006.01)**
[25] EN
[54] **BEARING**
[54] **PALIER**
[72] MOOK, JOSHUA TYLER, US
[72] ERTAS, BUGRA HAN, US
[72] BELLARDI, JASON JOSEPH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-06
[41] 2017-10-18
[30] US (15/131,136) 2016-04-18

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[13] A1
[51] **Int.Cl. F21S 4/20 (2016.01) F21K 9/00 (2016.01) F21K 9/69 (2016.01) F21S 4/28 (2016.01) H01L 25/13 (2006.01)**
[25] EN
[54] **LIGHTING DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE**
[72] WANG, XIN, CN
[72] SPAHNIE, BRIAN MORGAN, US
[72] WANG, SUPING, CN
[72] NI, YAN, CN
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2017-04-06
[41] 2017-10-20
[30] CN (201610250126.3) 2016-04-20

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[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) B64D 27/00 (2006.01) F01D 25/16 (2006.01) F16C 32/06 (2006.01)**
[25] EN
[54] **ROTARY MACHINE WITH GAS BEARINGS**
[54] **MACHINE ROTATIVE EQUIPEE DE PALIERS A GAZ**
[72] MOOK, JOSHUA TYLER, US
[72] ERTAS, BUGRA HAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-06
[41] 2017-10-18
[30] US (15/131,164) 2016-04-18

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/28 (2006.01) F02C 3/13 (2006.01) F02C 7/20 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE TRANSITION DUCT AND TURBINE CENTER FRAME**
[54] **CONDUIT DE TRANSITION DE TURBINE A GAZ ET CADRE DE CENTRE DE TURBINE**
[72] HURA, HARJIT, US
[72] VITT, PAUL HADLEY, US
[72] KEITH, BRIAN DAVID, US
[72] ONG, JONATHAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-06
[41] 2017-10-18
[30] US (15/131,292) 2016-04-18

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[13] A1
[51] **Int.Cl. F16N 1/00 (2006.01) F02C 7/06 (2006.01) F02C 7/36 (2006.01) F16H 57/04 (2010.01) F16N 21/00 (2006.01)**
[25] EN
[54] **OIL TRANSFER UNIT FOR TRANSFERRING OIL BETWEEN A STATIONARY PART AND A ROTATING PART**
[54] **MODULE DE TRANSFERT D'HUILE SERVANT A TRANSFERER L'HUILE ENTRE UNE PIECE STATIONNAIRE ET UNE PIECE ROTATIVE**
[72] CIPOLLA, LORENZO, IT
[72] GRAVINA, MICHELE, IT
[71] GE AVIO S.R.L., IT
[22] 2017-04-06
[41] 2017-10-20
[30] IT (102016000040539) 2016-04-20

[21] **2,963,523**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **AIRFOIL COOLING USING NON-LINE OF SIGHT HOLES**
[54] **REFROIDISSEMENT DE PROFIL DYNAMIQUE AU MOYEN D'ORIFICES DE VISEE DESALIGNES**
[72] GALLIER, KIRK DOUGLAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-06
[41] 2017-10-15
[30] US (15/130,013) 2016-04-15

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[13] A1
[51] **Int.Cl. H04W 28/08 (2009.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR LOAD BALANCING IN MESH NETWORKS**
[54] **METHODES ET SYSTEMES D'EQUILIBRAGE DE CHARGE DANS LES RESEAUX MAILLES**
[72] NGOUNOU, YVES NGAMBO, CA
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-06
[41] 2017-10-16
[30] US (15/130,971) 2016-04-16

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[51] **Int.Cl. F16K 51/00 (2006.01) F16K 3/36 (2006.01) F16K 5/22 (2006.01) F16K 15/00 (2006.01) F16K 41/00 (2006.01) F16N 21/00 (2006.01)**
[25] EN
[54] **AN INJECTOR**
[54] **UN INJECTEUR**
[72] DELANEY, KENNETH, GB
[71] SCORE (EUROPE) LIMITED, GB
[22] 2017-04-06
[41] 2017-10-18
[30] GB (1606744.9) 2016-04-18

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[51] **Int.Cl. F04B 47/12 (2006.01) E21B 34/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **GAS-LIFT PLUNGER**
[54] **PISTON DE POMPAGE PNEUMATIQUE**
[72] KUYKENDALL, SCHUYLER, US
[71] TEAM OIL TOOLS, LP, US
[22] 2017-04-07
[41] 2017-10-18
[30] US (62/324,104) 2016-04-18

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[13] A1
[51] **Int.Cl. E21C 27/30 (2006.01) E02F 3/42 (2006.01) E02F 3/43 (2006.01)**
[25] EN
[54] **AUTOMATIC TILT CONTROL**
[54] **CONTROLE D'INCLINAISON AUTOMATIQUE**
[72] AKANDA, ANAB, US
[72] MAKI, JAMES MYRON, US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-04-11
[41] 2017-10-15
[30] US (62/323,093) 2016-04-15

[21] **2,963,806**
[13] A1
[51] **Int.Cl. G06K 7/01 (2006.01) G06K 7/10 (2006.01)**
[25] EN
[54] **SCANNING INSTRUMENT ACCESSORY**
[54] **ACCESSOIRE D'INSTRUMENT DE BALAYAGE**
[72] KAMEL, JOHN-PIERRE, CA
[71] SPEEDTHOUGHT CONSULTING, INC., CA
[22] 2017-04-10
[41] 2017-10-15
[30] US (62/323,083) 2016-04-15

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[13] A1
[51] **Int.Cl. G08B 21/02 (2006.01) G06Q 50/22 (2012.01) A61B 5/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND APPROACH FOR INTEGRATION OF PARAMETERS FROM WEARABLE CLOUD CONNECTED ACCESS CONTROL DEVICES**
[54] **SYSTEME ET APPROCHE D'INTEGRATION DE PARAMETRES DE DISPOSITIFS DE CONTROLE D'ACCES PORTABLES RELIES AU NUAGE**
[72] SUNDAR, NAGA, US
[72] PONRAMAN, JENIFRAM, US
[72] AZHAGESAN, MUTHUKUMAR, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-04-10
[41] 2017-10-19
[30] US (15/133,014) 2016-04-19

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[51] **Int.Cl. B25D 1/00 (2006.01) B25D 1/04 (2006.01) B25F 1/00 (2006.01) B26B 11/00 (2006.01)**
[25] EN
[54] **HAMMER WITH RECESSED BLADE**
[54] **MARTEAU A LAME ENFONCEE**
[72] LOMBARDI, KEITH M., US
[71] STANLEY BLACK & DECKER, INC., US
[22] 2017-04-10
[41] 2017-10-19
[30] US (62/324,707) 2016-04-19

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[13] A1
[51] **Int.Cl. G01R 31/44 (2006.01) G01R 31/27 (2006.01) G08B 21/18 (2006.01) H05B 37/03 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **BRIGHTNESS MONITORING FOR LED FAILURES AND DAYLIGHTING TARGET ADJUSTING**
[54] **SURVEILLANCE DE LA LUMINOSITE EN VUE DE DETECTER DES PANNES DE DEL ET D'AJUSTER LA CIBLE D'ECLAIRAGE DIURNE**
[72] HICK, ROBERT L., US
[71] LEVITON MANUFACTURING CO., INC., US
[22] 2017-04-12
[41] 2017-10-19
[30] US (15/132,624) 2016-04-19

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[13] A1
[51] **Int.Cl. F02C 7/28 (2006.01) F16J 15/3208 (2016.01) F16J 15/3212 (2016.01)**
[25] EN
[54] **SEALING DEVICE FOR SEAL RUNNER FACE**
[54] **DISPOSITIF D'ETANCHEISATION DESTINE A LA FACE D'UNE COULISSE DE JOINT**
[72] BLAIS, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-04-10
[41] 2017-10-18
[30] US (15/131,597) 2016-04-18

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[51] **Int.Cl. F01D 25/00 (2006.01) F01D 25/18 (2006.01) F01D 25/32 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **OIL LEAKAGE RECOVERY SYSTEM FOR GAS TURBINE ENGINE**
[54] **SYSTEME DE RECUPERATION DE FUITE D'HUILE POUR TURBINE A GAZ**
[72] BLAIS, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-04-10
[41] 2017-10-18
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[13] A1
[51] **Int.Cl. E02B 8/08 (2006.01)**
[25] EN
[54] **HYDRAULIC SYSTEM AND METHOD FOR WATER CONTROL**
[54] **SYSTEME HYDRAULIQUE ET METHODE DE CONTROLE DE L'EAU**
[72] CAREY, JASON, US
[72] SCURLOCK, STEPHEN MICHAEL, US
[71] RIVERRESTORATION.ORG, LLC, US
[22] 2017-04-11
[41] 2017-10-15
[30] US (15/482,382) 2017-04-07
[30] US (62/323,380) 2016-04-15

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[13] A1
[51] **Int.Cl. F21K 9/272 (2016.01) F21K 9/27 (2016.01)**
[25] EN
[54] **LAMP**
[54] **LAMPE**
[72] YI, QING, CN
[72] WANG, ZHIYONG, CN
[72] CAO, JINLIN, CN
[72] WANG, DAZHEN, CN
[72] SHEN, YANG, CN
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2017-04-13
[41] 2017-10-19
[30] CN (201610242851.6) 2016-04-19

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[51] **Int.Cl. F21K 9/69 (2016.01) F21K 9/60 (2016.01) F21V 5/04 (2006.01) F21V 23/00 (2015.01)**
[25] EN
[54] **LED MODULE AND SIGN BOX**
[54] **MODULE DE DEL ET BOITE DE SIGNALISATION**
[72] WANG, SUPING, CN
[72] FENG, YONGLI, CN
[72] NI, YAN, CN
[72] SPAHNIE, BRIAN MORGAN, US
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2017-04-13
[41] 2017-10-21
[30] CN (201610254776.5) 2016-04-21

[21] **2,964,152**
[13] A1
[51] **Int.Cl. B65G 67/24 (2006.01)**
[25] EN
[54] **PORTABLE DRIVE-OVER CONVEYOR SYSTEM USABLE FOR UNLOADING BELLY DUMP TRUCKS WITH MULTIPLE DISCHARGES AND FOR SIMULTANEOUSLY UNLOADING MORE THAN ONE TRUCK**
[54] **SYSTEME DE COURROIE DE TRANSPORT A ENTRAINEMENT PORTATIF UTILISABLE POUR LE DECHARGEMENT DE CAMIONS A BENNE RONDE DOTE DE PLUSIEURS DISPOSITIFS DE DEVERSEMENT ET LE DECHARGEMENT SIMULTANE DE PLUS D'UN CAMION**
[72] FRIESEN, HENRY, CA
[71] FB INDUSTRIES INC., CA
[22] 2017-04-13
[41] 2017-10-15
[30] CA (2,927,188) 2016-04-15

[21] **2,964,217**
[13] A1
[51] **Int.Cl. A61K 6/08 (2006.01) A61K 6/083 (2006.01)**
[25] EN
[54] **AQUEOUS DENTAL GLASS IONOMER COMPOSITION**
[54] **COMPOSITION IONOMERE AQUEUSE DE VERRE DENTAIRE**
[72] RENN, CAROLINE, DE
[72] ELSNER, OLIVER, DE
[72] SZILLAT, FLORIAN, DE
[72] KLEE, JOACHIM E., DE
[72] WEBER, CHRISTOPH, DE
[72] WALZ, UWE, DE
[72] SCHEUFLER, CHRISTIAN, DE
[72] LICHKUS, ANDREW MURRAY, DE
[72] JIN, XIAOMING, DE
[71] DENTSPLY DETREY GMBH, DE
[22] 2017-04-12
[41] 2017-10-15
[30] US (62/323,063) 2016-04-15
[30] EP (16 169 724.8) 2016-05-13

[21] **2,964,242**
[13] A1
[51] **Int.Cl. A61K 6/083 (2006.01)**
[25] EN
[54] **AQUEOUS DENTAL GLASS IONOMER COMPOSITION**
[54] **COMPOSITION IONOMERE AQUEUSE DE VERRE DENTAIRE**
[72] RENN, CAROLINE, DE
[72] ELSNER, OLIVER, DE
[72] MAIER, MAXIMILIAN, DE
[72] SZILLAT, FLORIAN, DE
[72] KLEE, JOACHIM E., DE
[72] WEBER, CHRISTOPH, DE
[72] WALZ, UWE, DE
[72] SCHEUFLER, CHRISTIAN, US
[72] RITTER, HELMUT, US
[72] LICHKUS, ANDREW MURRAY, US
[72] JIN, XIAOMING, US
[71] DENTSPLY DETREY GMBH, DE
[71] DENTSPLY SIRONA, INC., US
[22] 2017-04-12
[41] 2017-10-15
[30] US (62/322,983) 2016-04-15
[30] EP (16 169 725.5) 2016-05-13

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[13] A1
[51] **Int.Cl. B01D 3/22 (2006.01) B01D 3/32 (2006.01) C02F 1/20 (2006.01)**
[25] EN
[54] **AIR STRIPPER SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE DECAPAGE A L'AIR**
[72] FISCHER, DAVID A., US
[72] SPICER, BRYAN D., US
[71] Q.E.D. ENVIRONMENTAL SYSTEMS, INC., US
[22] 2017-04-12
[41] 2017-10-20
[30] US (62/325,155) 2016-04-20
[30] US (15/443,129) 2017-02-27

[21] **2,964,405**
[13] A1
[51] **Int.Cl. B64D 11/06 (2006.01) A47C 7/54 (2006.01)**
[25] FR
[54] **ARMREST FOR AN AIRCRAFT SEAT ASSOCIATED SEAT AND PROCESS**
[54] **ACCOUDOIR POUR SIEGE D'AERONEF, SIEGE ET PROCEDE ASSOCIES**
[72] MIHAI, MICHEL, FR
[72] LAMOTHE, GAETAN, FR
[71] DASSAULT AVIATION, FR
[22] 2017-04-11
[41] 2017-10-18
[30] FR (16 00 646) 2016-04-18

[21] **2,964,406**
[13] A1
[51] **Int.Cl. G01N 22/00 (2006.01) G01B 11/02 (2006.01) G01S 7/41 (2006.01)**
[25] FR
[54] **DETECTOR FOR HIDDEN OBJECTS OR UNAUTHORIZED MATERIALS IN A SHOE**
[54] **DETECTEUR D'OBJETS OU DE MATIERES NON AUTORISEES DISSIMULES DANS UNE CHAUSSURE**
[72] MANNESCHI, ALESSANDRO, IT
[71] MANNESCHI, ALESSANDRO, IT
[22] 2017-04-11
[41] 2017-10-15
[30] FR (1653385) 2016-04-15

[21] **2,964,434**
[13] A1
[51] **Int.Cl. A01D 41/12 (2006.01) A01D 41/00 (2006.01)**
[25] EN
[54] **AIR ASSISTED THRESHER**
[54] **UNE BATTEUSE A COMMANDE PNEUMATIQUE**
[72] FOSTER, GERALD A., CA
[72] MACKENZIE, DALE W., CA
[71] FOSTER, GERALD A., CA
[71] MACKENZIE, DALE W., CA
[22] 2017-04-18
[41] 2017-10-15
[30] US (62/323,237) 2016-04-15

[21] **2,964,453**
[13] A1
[51] **Int.Cl. F26B 17/00 (2006.01) A01F 25/00 (2006.01) A01F 25/20 (2006.01) F26B 25/06 (2006.01)**
[25] EN
[54] **MIXED FLOW GRAIN DRYER WITH VACUUM COOL HEAT RECOVERY SYSTEM**
[54] **SECHOIR A GRAINS A FLUX MIXTE DOTE D'UN SYSTEME DE RECUPERATION DE CHALEUR REFROIDI PAR LE VIDE**
[72] HEILSKOV, CASEY SCOTT, US
[72] HARTWIG, KERRY, US
[72] RAU, TYLER, US
[71] SUKUP MANUFACTURING CO., US
[22] 2017-04-13
[41] 2017-10-18
[30] US (15/131,865) 2016-04-18

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[13] A1
[51] **Int.Cl. A01K 5/00 (2006.01)**
[25] EN
[54] **PELLETIZED FEED DISTRIBUTOR**
[54] **DISTRIBUTEUR D'ALIMENTATION EN PASTILLE**
[72] KINER, MARK, US
[72] BENDER, ROSS MILTON, US
[72] PULLIAM, MARK R., US
[71] HARPER INDUSTRIES, INC., US
[22] 2017-04-13
[41] 2017-10-18
[30] US (62/324,102) 2016-04-18
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[13] A1
[51] **Int.Cl. D06F 57/12 (2006.01)**
[25] EN
[54] **PORTABLE DRYING RACK**
[54] **SUPPORT DE SECHAGE PORTATIF**
[72] CHAMPAGNE, ERIC, CA
[72] BEDARD, NORMAN, CA
[71] CHAMPAGNE INDUSTRIES INC., CA
[22] 2017-04-18
[41] 2017-10-18
[30] US (62/323,922) 2016-04-18

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[13] A1
[51] **Int.Cl. F24F 3/052 (2006.01) F24D 5/02 (2006.01) F24D 5/12 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **AIR DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'AIR**
[72] MICHAUD, BERTRAND, CA
[72] VEZINA, CHRISTIAN, CA
[71] MICHAUD, BERTRAND, CA
[71] VEZINA, CHRISTIAN, CA
[22] 2017-04-18
[41] 2017-10-18
[30] US (62/323,896) 2016-04-18

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[13] A1
[51] **Int.Cl. B03C 1/00 (2006.01)**
[25] EN
[54] **AUTOMATED COMPENSATING FLOW CONTROL ASSEMBLY FOR A SOLID MATERIAL SEPARATOR**
[54] **MECANISME DE CONTROLE DE FLUX DE COMPENSATION AUTOMATISE DESTINE A UN SEPARATEUR DE MATIERE SOLIDE**
[72] PANZENHAGEN, CARL P., US
[71] CP METCAST, INC., US
[71] CP METCAST, INC., US
[22] 2017-04-13
[41] 2017-10-15
[30] US (62/323,171) 2016-04-15

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[13] A1
[51] **Int.Cl. G12B 13/00 (2006.01) G01D 18/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REPRODUCING AN INSTRUMENT'S CALIBRATION CERTIFICATE**
[54] **METHODE ET SYSTEME DESTINES A LA REPRODUCTION DU CERTIFICAT D'ETALONNAGE D'UN INSTRUMENT**
[72] KEECH, RAY, GB
[71] ABB SCHWEIZ AG, CH
[22] 2017-04-13
[41] 2017-10-18
[30] EP (16165830.7) 2016-04-18

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[13] A1
[51] **Int.Cl. A01K 5/02 (2006.01)**
[25] EN
[54] **FEEDING STATION FOR FARM ANIMALS, IN PARTICULAR FOR PIGS**
[54] **POSTE D'ALIMENTATION D'ANIMAUX DE FERME, EN PARTICULIER DES PORCS**
[72] MANNEBECK, DIETER, NL
[72] VRANKEN, ERIK JOANNES MATHEUS, NL
[72] HOOLBOOM, WOUTER BERNARDUS LAMBERTUS, NL
[71] FANCOM B.V., NL
[22] 2017-04-13
[41] 2017-10-20
[30] NL (NL 2016638) 2016-04-20

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21S 10/02 (2006.01)**
[25] EN
[54] **DIGITAL CONTROL FOR LIGHTING FIXTURES**
[54] **COMMANDE NUMERIQUE DESTINEE AUX APPAREILS D'ECLAIRAGE**
[72] CICCARELLI, DAVID, US
[72] WEISS, DANIEL AARON, US
[72] ZAVERUHA, RYAN, US
[71] ABL IP HOLDING LLC, US
[22] 2017-04-13
[41] 2017-10-15
[30] US (62/323,149) 2016-04-15

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[13] A1
[51] **Int.Cl. F16K 1/42 (2006.01) E21B 34/02 (2006.01) F04B 53/10 (2006.01) F04B 53/16 (2006.01)**
[25] EN
[54] **WELL SERVICE VALVE SEAT REMOVAL**
[54] **RETRAIT DE SIEGE DE VANNE DE SERVICE DE PUITS**
[72] WAGNER, BRYAN, US
[72] CUMMINGS, TRISTAN, US
[72] SNIDER, ERICA, US
[72] GRAMS, ALEXANDER, US
[72] BUCKLEY, CHRISTOPHER, US
[71] S.P.M. FLOW CONTROL, INC., US
[22] 2017-04-18
[41] 2017-10-15
[30] US (62/323417) 2016-04-15

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[13] A1
[51] **Int.Cl. A61K 33/06 (2006.01) A61K 9/00 (2006.01) A61K 47/12 (2006.01) A61K 47/38 (2006.01) A61P 3/02 (2006.01)**
[25] EN
[54] **HIGH LOADING, CONTROLLED-RELEASE MAGNESIUM ORAL DOSAGE FORMS AND METHODS FOR MAKING AND USING SAME**
[54] **FORMES DE DOSAGE ORAL DE MAGNESIUM A LIBERATION CONTROLEE ET HAUTE CHARGE ET METHODES DE FABRICATION ET UTILISATION ASSOCIEES**
[72] BRANDON, STEPHEN F., US
[72] OKERHOLM, RICHARD A., US
[72] LEGG, THOMAS J., US
[71] PHARMALYTE SOLUTIONS, LLC, US
[22] 2017-04-18
[41] 2017-10-19
[30] US (15/132,461) 2016-04-19

[21] **2,964,586**
[13] A1
[51] **Int.Cl. H01R 4/28 (2006.01)**
[25] EN
[54] **ELECTRICAL CONNECTORS**
[54] **CONNECTEURS ELECTRIQUES**
[72] RUGGIERO, GLEN HARRISON, US
[71] HUBBELL INCORPORATED, US
[22] 2017-04-18
[41] 2017-10-19
[30] US (62/324,479) 2016-04-19
[30] US (62/347,943) 2016-06-09

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[13] A1
[51] **Int.Cl. F16K 47/08 (2006.01) F16K 21/00 (2006.01) F25B 41/04 (2006.01)**
[25] EN
[54] **EJECTOR FOR A REFRIGERATING MACHINE**
[54] **EJECTEUR DESTINE A UNE MACHINE REFRIGERANTE**
[72] NALINI, LUIGI, IT
[72] SCARABOTTOLO, DAVIDE, IT
[72] CAZZIN, DANIELE, IT
[72] PONCHIA, FILIPPO, IT
[71] CAREL INDUSTRIES S.P.A., IT
[22] 2017-04-13
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[54] **SWITCHGEAR LOAD SHARING FOR OIL FIELD EQUIPMENT**
[54] **PARTAGE DE CHARGE D'EQUIPEMENT DE COMMUTATION DESTINE A UN EQUIPEMENT DE CHAMP PETROLIER**
[72] OEHRING, JARED, US
[72] HINDERLITER, BRANDON N., US
[71] US WELL SERVICES LLC, US
[22] 2017-04-18
[41] 2017-10-15
[30] US (62/323,168) 2016-04-15
[30] US (15/145,491) 2016-05-03
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[25] EN
[54] **TURBINE CHILLING FOR OIL FIELD POWER GENERATION**
[54] **REFROIDISSEMENT DE TURBINE DESTINE A LA PRODUCTION D'ENERGIE D'UN CHAMP PETROLIER**
[72] OEHRING, JARED, US
[72] HINDERLITER, BRANDON N., US
[71] US WELL SERVICES LLC, US
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[30] US (62/323,236) 2016-04-15
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[54] **ELECTRIC DOOR MONITORING**
[54] **SURVEILLANCE DE PORTE ELECTRIQUE**
[72] GOETZELMANN, ALAN DAVID, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2017-04-19
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[30] US (62325096) 2016-04-20
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[25] EN
[54] **SYSTEM FOR FUELING ELECTRIC POWERED HYDRAULIC FRACTURING EQUIPMENT WITH MULTIPLE FUEL SOURCES**
[54] **SYSTEME D'ALIMENTATION D'EQUIPEMENT DE FRACTURATION HYDRAULIQUE ELECTRIQUE A SOURCES DE CARBURANT MULTIPLES**
[72] OEHRING, JARED, US
[72] HINDERLITER, BRANDON N., US
[71] US WELL SERVICES LLC, US
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[41] 2017-10-15
[30] US (62/323,303) 2016-04-15
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[54] **STRING TRIMMER HEAD**
[54] **TETE DE COUPE-BORDURE A FIL**
[72] NOLIN, ERIC, US
[72] COGAN, BENJAMIN H., US
[72] MORRISON, ROBERT L., US
[72] COGHILL, STEVE, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-04-18
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[25] EN
[54] **AGRICULTURAL IMPLEMENT AND RAMP ATTACHMENT SYSTEM**
[54] **MECANISME DE FIXATION DE RAMPE ET ACCESSOIRE AGRICOLE**
[72] BEAUJOT, NORBERT, CA
[71] SEEDMASTER MANUFACTURING LTD., CA
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[41] 2017-10-19
[30] CA (2927582) 2016-04-19
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[54] **METHOD AND SYSTEM FOR DETECTING AN OBSTRUCTION OF A PASSENGER DOOR**
[54] **METHODE ET SYSTEME DE DETECTION D'UNE OBSTRUCTION D'UNE PORTE DE PASSAGER**
[72] GOETZELMANN, ALAN DAVID, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[30] US (62/325,623) 2016-04-21
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[54] **FEED COMPOSITIONS CONTAINING FAECAL BINDER MATERIALS**
[54] **COMPOSITIONS D'ALIMENTATION RENFERMANT DES MATERIAUX LIANT DES MATIERES FECALES**
[72] BUTTLE, LOUISE GEORGINA, GB
[72] HOLME, MAY-HELEN, NO
[72] RUGRODEN, PETER BJORN, NO
[72] RUOHONEN, KARI JUHANI, FI
[72] UTNE, TERJE, NO
[71] CAN TECHNOLOGIES, INC., US
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[54] **MULTI-LINE CONDUIT ASSEMBLIES**
[54] **ASSEMBLAGES DE CONDUITE MULTICANAL**
[72] GALLUCCI, ANTONIO, CA
[72] DE ZEN, SERGIO, CA
[72] TONON, MAURO, CA
[71] STM VENTURE PARTNERS INC., CA
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[25] EN
[54] **POWER TAKEOFF SUPPORT SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE SUPPORT DE PRISE DE FORCE**
[72] RINKENBAUGH, JOHN, US
[72] FREEMAN, DAVID, US
[71] MUNCIE POWER PRODUCTS, INC., US
[22] 2017-04-19
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[25] EN
[54] **ENGINE GENERATOR**
[54] **GROUPE ELECTROGENE DE MOTEUR**
[72] TAKETOMI, KOICHI, JP
[72] KEISUKE, SUGIURA, JP
[72] SUZUKI, SHINICHI, JP
[71] YAMAHA MOTOR POWER PRODUCTS KABUSHIKI KAISHA, JP
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[51] **Int.Cl. G02B 7/00 (2006.01) G02B 5/12 (2006.01)**
[25] EN
[54] **MOUNT FOR AN OPTICAL STRUCTURE HAVING A FLANGED PROTRUDING MEMBER AND METHOD OF MOUNTING AN OPTICAL STRUCTURE USING SUCH MOUNT**
[54] **SUPPORT DESTINE A UNE STRUCTURE OPTIQUE COMPORTANT UN ELEMENT DE BRIDE EN SAILLIE ET METHODE DE FIXATION D'UNE STRUCTURE OPTIQUE AU MOYEN D'UN TEL SUPPORT**
[72] BLEIER, ZVI, US
[72] VISHNIA, ITAI, US
[72] ZECHARIAH, GAJADHAR, US
[71] PLX, INC., US
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[54] **SELF SEATING ELECTRICAL ENCLOSURES**
[54] **BOITIER ELECTRIQUE AUTO POSITIONNANT**
[72] HERTH, GREG, US
[71] HERTH, GREG, US
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[54] **SYSTEMS AND METHODS FOR MANAGING ELECTRONIC TRANSACTIONS USING ELECTRONIC TOKENS AND TOKENIZED DEVICES**
[54] **SYSTEMES ET METHODES DE GESTION DES TRANSACTIONS ELECTRONIQUES AU MOYEN DE JETONS ET DISPOSITIFS A JETON**
[72] MORETON, PAUL Y., US
[72] DOUGLAS, LAWRENCE, US
[72] POOLE, THOMAS, US
[72] CLARKE, THOMAS C., US
[72] CHOI, SAEJIN, US
[71] MORETON, PAUL Y., US
[71] DOUGLAS, LAWRENCE, US
[71] POOLE, THOMAS, US
[71] CLARKE, THOMAS C., US
[71] CHOI, SAEJIN, US
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[54] **ENHANCEMENTS INTRODUCED IN A PORTABLE MOISTURE METER DEVICE FOR REMOTE USE**
[54] **AMELIORATIONS INTRODUITES DANS UN HYGROMETRE PORTATIF DESTINE A UNE UTILISATION A DISTANCE**
[72] DA SILVA, MANOEL HENRIQUE, BR
[71] DA SILVA, MANOEL HENRIQUE, BR
[22] 2017-04-20
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[54] **HAND WEAR STORAGE POCKET**
[54] **POCHETTE DE RANGEMENT DE GANT**
[72] MESSNER, CARL WILFRED, CA
[71] MESSNER, CARL WILFRED, CA
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[54] **BRACE SUPPORT DEVICE**
[54] **DISPOSITIF DE SOUTIEN D'APPUI**
[72] BECK, HAROLD KENT, US
[72] AHUJA, SANJAY, US
[71] PF WATERWORKS LP, US
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[30] US (15/490,752) 2017-04-18
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[25] EN
[54] **IMPROVEMENTS IN OR IN RELATION TO EXPANSION JOINTS**
[54] **AMELIORATIONS CONCERNANT DES JOINTS DE DILATATION**
[72] UNDERWOOD, DANIEL CHARLES, AU
[71] UNDERWOOD COMPANIES HOLDINGS PTY LTD, AU
[22] 2017-04-20
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[30] AU (2016901476) 2016-04-20
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[25] EN
[54] **HEALTH TRACKING DEVICE**
[54] **DISPOSITIF DE SURVEILLANCE DE L'ETAT DE SANTE**
[72] O'BRIEN, NADA A., US
[72] HRUSKA, CURTIS R., US
[72] VON GUNTEN, MARC K., US
[72] PEDERSON, CHRISTOPHER G., US
[72] HSIUNG, CHANGMENG, US
[71] VIAVI SOLUTIONS INC., US
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[54] **RADIAL END DOOR LOCKING ROD, CAM AND KEEPER**
[54] **TIGE DE VERROUILLAGE DE PORTE A EXTREMITE RADIALE, CAME ET GACHE**
[72] CENCER, ROBERT J., US
[71] TRINITY PARTS & COMPONENTS, LLC, US
[22] 2017-04-20
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[51] **Int.Cl. E04D 1/30 (2006.01) E04D 1/12 (2006.01) E04D 1/36 (2006.01)**
[25] EN
[54] **HIP AND RIDGE/STARTER SHINGLE COMBINATION**
[54] **COMBINAISON DE BARDEAU DEPART/CRETE ET CREUX**
[72] GRUBKA, LAWRENCE J., US
[72] ROBERTS, RITA, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[25] EN
[54] **PROCESSES AND STRUCTURES FOR RECYCLING CARPET AND PRODUCTS OF SUCH PROCESSES**
[54] **PROCEDES ET STRUCTURES DE RECYCLAGE DE TAPIS ET PRODUITS DE TELS PROCEDES**
[72] PASPEK, STEPHEN CARL, US
[72] BORK, JOSEPH EDWARD, US
[72] SCHROEDER, ALAN FREDRICK, US
[71] PASPEK CONSULTING LLC, US
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[54] **DESIGN SYSTEM BASED ON LUMINAIRES WITH MULTIPLE ILLUMINATION PANELS**
[54] **MODELE FONDE SUR DES LUMINAIRES A PANNEAUX D'ILLUMINATION MULTIPLES**
[72] LEADFORD, KEVIN F., US
[72] MILLER, JOSHUA J., US
[72] NELSON, PETER K., US
[72] GOULD, CARL T., US
[72] SLAUGHTER, CHRISTOPHER D., US
[72] SORENSEN, CHRISTOPHER J., US
[72] AGGARWAL, JANUK S., US
[71] ABL IP HOLDING LLC, US
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[30] US (62/325,594) 2016-04-21
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[54] **BOAT LOADING GUIDE**
[54] **GUIDE DE CHARGEMENT DE BATEAU**
[72] YANYK, ALEX, CA
[71] YANYK, ALEX, CA
[22] 2017-04-21
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[30] CA (2,927,493) 2016-04-21

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[51] **Int.Cl. B65G 15/60 (2006.01) B65G 23/04 (2006.01)**
[25] EN
[54] **IDLER WHEEL FRAME WITH FRAME ADJUSTMENT MECHANISM**
[54] **CADRE DE ROUE FOLLE A MECANISME D'AJUSTEMENT DE CADRE**
[72] MATTILA, GREG, US
[71] TRANSCO INDUSTRIES, INC., US
[22] 2017-04-20
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[30] US (62/325,886) 2016-04-21
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[25] EN
[54] **ENERGY STORAGE APPARATUS FOR STORING ELECTRICAL ENERGY GENERATED BY AN ENERGY SOURCE**
[54] **APPAREIL DE STOCKAGE D'ENERGIE DESTINE A STOCKER L'ENERGIE ELECTRIQUE PRODUITE PAR UNE SOURCE D'ENERGIE**
[72] CANNON, WAYNE HARRY, CA
[71] RIGEL SCIENTIFIC RESEARCH INC., CA
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[25] EN
[54] **SYSTEM AND METHOD FOR PH CONTROL OF LEAN MEG PRODUCT FROM MEG REGENERATION AND RECLAMATION PACKAGES**
[54] **SYSTEME ET PROCEDE DE REGULATION DU PH D'UN PRODUIT DE MEG PAUVRE A PARTIR D'ENSEMBLES DE REGENERATION ET DE RECUPERATION DE MEG**
[72] MESSENGER, BRIAN E., GB
[71] CAMERON SOLUTIONS, INC., US
[85] 2017-03-24
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[54] **DETERMINATION OF ANALYTES IN A SAMPLE MATRIX BY SOLVENT EXTRACTION**
[54] **DETERMINATION D'ANALYTES DANS UNE MATRICE D'ECHANTILLON PAR EXTRACTION PAR SOLVANT**
[72] BISGAARD, CHRISTER ZOFFMANN, DK
[72] DAHL, MALIN, DK
[72] HOLM, CLAUS, DK
[71] FOSS ANALYTICAL A/S, DK
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[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING ALPELISIB**
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DE L'ALPELISIB**
[72] ELBAZ, FRANTZ, CH
[72] KOCHHAR, CHARU, CH
[72] STINGELIN, DORIS, CH
[72] BOCK, MICHAELA ANNA MARIA, CH
[71] NOVARTIS AG, CH
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[54] **PROCESS FOR FORMING ACTIVE DOMAINS DISPERSED IN A MATRIX**
[54] **PROCEDE DE FORMATION DE DOMAINES ACTIFS DISPERSES DANS UNE MATRICE**
[72] VODAK, DAVID THOMAS, US
[72] FRIESEN, DWAYNE THOMAS, US
[71] BEND RESEARCH INC., US
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[54] **POLYPRENYLATED PHLOROGLUCINOL COMPOUNDS AS POTENT P-GLYCOPROTEIN INDUCERS**
[54] **COMPOSES PHLOROGLUCINOL POLYPRENYLE COMME INDUCTEURS PUISSANTS DE LA GLYCOPROTEINE P**
[72] BHARATE, SANDIP, IN
[72] KUMAR, AJAY, IN
[72] BHARATE, JAIDEEP, IN
[72] JOSHI, PRASHANT, IN
[72] WANI, ABUBAKAR, IN
[72] MUDUDUDDLA, RAMESH, IN
[72] SHARMA, ROHIT, IN
[72] VISHWAKARMA, RAM, IN
[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
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[54] **ESTER PRODRUGS OF GAMMA-LACTAMS AND THEIR USE**
[54] **PROMEDICAMENTS A ESTER, COMPRENANT DES GAMMA-LACTAMES ET LEUR UTILISATION**
[72] BURK, ROBERT M., US
[72] IM, WHA BIN, US
[71] ALLERGAN, INC., US
[85] 2017-03-27
[86] 2015-10-02 (PCT/US2015/053865)
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[25] EN
[54] **METHOD OF CONJUGATING A POLYPEPTIDE**
[54] **METHODE DE CONJUGAISON D'UN POLYPEPTIDE**
[72] CHRISTIE, RONALD JAMES, US
[72] GAO, CHANGSHOU, US
[72] DIMASI, NAZZARENO, US
[71] MEDIMMUNE, LLC, US
[85] 2017-03-27
[86] 2015-10-01 (PCT/US2015/053397)
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[54] **INHIBITORS OF LACTATE TRANSPORTERS FOR USE IN THE TREATMENT OF INFLAMMATORY DISEASES**
[54] **INHIBITEURS DE TRANSPORTEURS DE LACTATE DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE MALADIES INFLAMMATOIRES**
[72] MAURO, CLAUDIO, GB
[72] HAAS, ROBERT, GB
[72] MARELLI-BERG, FEDERICA, GB
[71] QUEEN MARY UNIVERSITY OF LONDON, GB
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[54] **PRODUCTION D'HUILE DE BASE A L'AIDE D'UN CATALYSEUR A ACTIVITE ELEVEE**
[72] ZHANG, LEI, US
[72] HANTZER, SYLVAIN, US
[72] LAI, WENYIH F., US
[72] MCCARTHY, STEPHEN J., US
[72] OWENS, TRACIE L., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[25] EN
[54] **SYSTEM FOR RADIOPHARMACEUTICAL PRODUCTION**
[54] **SYSTEME DE PRODUCTION DE RADIOPHARMACEUTIQUES**
[72] ARCHIBALD, STEPHEN JAMES, GB
[72] HE, PING, GB
[72] BROWN, NATHAN JOEL, GB
[72] TARN, MARK DUNCAN, GB
[72] HASWELL, STEPHEN JOHN, GB
[72] ESFAHANI, MOHAMMAD MEHDI NASR, GB
[72] PAMME, NICOLE, GB
[72] ALEXANDER, RICHARD, GB
[71] THE UNIVERSITY OF HULL, GB
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[86] 2015-10-22 (PCT/GB2015/053173)
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[25] EN
[54] **PROCESSES FOR PREPARING (CYCLOPENTYL[D]PYRIMIDIN-4-YL)PIPERAZINE COMPOUNDS**
[54] **PROCEDES DE PREPARATION DE COMPOSES DE (CYCLOPENTYL[D]PYRIMIDIN-4-YL)PIPERAZINE**
[72] GOSSELIN, FRANCIS, US
[72] HAN, CHONG, US
[72] IDING, HANS, CH
[72] REENTS, REINHARD, CH
[72] SAVAGE, SCOTT, US
[72] WIRZ, BEAT, CH
[71] F.HOFFMANN-LA ROCHE AG, CH
[71] GENENTECH, INC., US
[85] 2017-03-24
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[25] EN
[54] **PHARMACEUTICAL AND FOOD COMPOSITIONS FOR INDUCING SATIATION AND PROLONGING SATIETY IN SUBJECTS IN NEED THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES ET ALIMENTAIRE POUR INDUIRE UN SENTIMENT DE SATIETE ET PROLONGER UN SENTIMENT DE CHEZ DES SUJETS EN AYANT BESOIN**
[72] FETISSOV, SERGUEI, FR
[72] DECHELOTTE, PIERRE, FR
[72] BRETON, JONATHAN, FR
[72] LAMBERT, GREGORY, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE ROUEN, FR
[71] UNIVERSITE DE ROUEN, FR
[71] TARGEDYS, FR
[85] 2017-03-28
[86] 2015-06-05 (PCT/IB2015/001126)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TRANSIENT IMMUNE RESPONSE MODULATION DURING VACCINATION**
[54] **COMPOSITIONS ET METHODES DE MODULATION DE LA REPONSE IMMUNITAIRE TRANSITOIRE PENDANT LA VACCINATION**
[72] HAYNES, BARTON F., US
[72] KELSOE, GARNETT, US
[72] KURAOKA, MASAYUKI, US
[72] MOODY, ANTHONY M., US
[72] LIAO, HUA-XIN, US
[72] VERKOCZY, LAURENT, US
[71] DUKE UNIVERSITY, US
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[51] **Int.Cl. A61K 31/53 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **THERAPEUTICALLY ACTIVE COMPOUNDS AND THEIR METHODS OF USE**
[54] **COMPOSES THERAPEUTIQUEMENT ACTIFS ET LEURS PROCEDES D'UTILISATION**
[72] AGRESTA, SAMUEL V., US
[71] AGIOS PHARMACEUTICALS, INC., US
[85] 2017-03-28
[86] 2015-09-28 (PCT/US2015/052598)
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[25] EN
[54] **SUBSTITUTED BENZOTHIOPHENYL DERIVATIVES AS GPR40 AGONISTS FOR THE TREATMENT OF TYPE II DIABETES**
[54] **DERIVES DE BENZOTHIAZOLE SUBSTITUES UTILISES EN TANT QU'AGONISTES DE GPR40 POUR LE TRAITEMENT DU DIABETE DE TYPE II**
[72] KUO, GEE-HONG, US
[72] PLAYER, MARK R., US
[72] YANG, SHYH-MING, US
[72] ZHANG, YUE-MIE, US
[72] HUANG, HUI, US
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2017-03-28
[86] 2015-10-08 (PCT/US2015/054581)
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[54] **DUEL MODE ION MOBILITY SPECTROMETER**
[54] **SPECTROMETRE DE MOBILITE IONIQUE A MODE DOUBLE**
[72] MUNRO, WILLIAM ANGUS, GB
[71] SMITHS DETECTION-WATFORD LIMITED, GB
[85] 2017-03-29
[86] 2015-09-29 (PCT/GB2015/052835)
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[25] EN
[54] **CONJUGATES AND CONJUGATING REAGENTS**
[54] **CONJUGUES ET REACTIFS DE CONJUGAISON**
[72] GODWIN, ANTONY, GB
[72] FRIGERIO, MARK, GB
[71] POLYTHERICS LIMITED, GB
[85] 2017-03-29
[86] 2015-10-08 (PCT/GB2015/052953)
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[30] GB (1418986.4) 2014-10-24
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[25] EN
[54] **A FUSION PROTEIN, A NANOPARTICLE COMPOSED BY A PLURALITY OF MONOMERS OF SAID FUSION PROTEIN, AND USES THEREOF**
[54] **PROTEINE DE FUSION, NANOPARTICULE CONSTITUEE PAR UNE PLURALITE DE MONOMERES DE LADITE PROTEINE DE FUSION, ET LEURS UTILISATIONS**
[72] CECI, PIERPAOLO, IT
[72] FALVO, ELISABETTA, IT
[71] THENA BIOTECH S.R.L., IT
[85] 2017-03-29
[86] 2015-09-29 (PCT/IB2015/057448)
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[13] A1
[51] **Int.Cl. A61K 31/663 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **USE OF NERIDRONIC ACID OR OF ITS SALT FOR THE TREATMENT OF OSTEOARTHROSIS**
[54] **UTILISATION D'ACIDE NERIDRONIQUE OU DE SON SEL POUR LE TRAITEMENT DE L'ARTHROSE**
[72] MASSIMO, VARENNA, IT
[71] ABIOGEN PHARMA SPA, IT
[85] 2017-03-29
[86] 2015-10-15 (PCT/IB2015/057929)
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[25] EN
[54] **AN INHALABLE RAPAMYCIN FORMULATION FOR THE TREATMENT OF PULMONARY HYPERTENSION**
[54] **FORMULATION DE RAPAMYCINE INHALABLE POUR LE TRAITEMENT DE L'HYPERTENSION PULMONAIRE**
[72] ARMER, THOMAS, US
[72] MELVIN, LAWRENCE S. JR., US
[72] ROTHBERG, JONATHAN M., US
[72] LICHENSTEIN, HENRI, US
[71] LAM THERAPEUTICS, INC., US
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[86] 2015-10-07 (PCT/US2015/054550)
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[25] EN
[54] **DIHYDROPYRROLOPYRIDINE INHIBITORS OF ROR-GAMMA**
[54] **INHIBITEURS DE ROR-GAMMA A BASE DE DIHYDROPYRROLOPYRIDINE**
[72] CLAREMON, DAVID A., US
[72] DILLARD, LAWRENCE WAYNE, US
[72] DONG, CHENGGUO, US
[72] FAN, YI, US
[72] JIA, LANQI, US
[72] LOTESTA, STEPHEN D., US
[72] MARCUS, ANDREW, US
[72] SINGH, SURESH B., US
[72] TICE, COLIN M., US
[72] YUAN, JING, US
[72] ZHAO, WEI, US
[72] ZHENG, YAJUN, US
[72] ZHUANG, LINGHANG, US
[71] VITAE PHARMACEUTICALS, INC., US
[85] 2017-03-29
[86] 2015-10-14 (PCT/US2015/055420)
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[30] US (62/063,912) 2014-10-14
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[54] **DRY POWDER FORMULATION**
[54] **FORMULATION DE POUDRE SECHE**
[72] DALVI, MUKUL, US
[72] TEE, SEAH KEE, US
[71] TEVA BRANDED PHARMACEUTICAL PRODUCTS R&D, INC., US
[85] 2017-03-29
[86] 2015-10-16 (PCT/US2015/055919)
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[30] US (62/064,690) 2014-10-16

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[25] EN
[54] **LEVOSIMENDAN FOR USE IN THE TREATMENT OF MOTOR NEURON DISEASES (E.G. ALS)**
[54] **LE LEVOSIMENDAN ET SON UTILISATION DANS LE TRAITEMENT DES MALADIES DES MOTONEURONES (PAR EXEMPLE, LA SLA)**
[72] LINDSTEDT, KEN, FI
[71] ORION CORPORATION, FI
[85] 2017-03-30
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[54] **FUEL COMPOSITION**
[54] **COMPOSITION DE CARBURANT**
[72] VAUHKONEN, VILLE, FI
[72] NOUSIAINEN, JAAKKO, FI
[71] UPM-KYMMENE CORPORATION, FI
[85] 2017-03-30
[86] 2015-10-01 (PCT/FI2015/050650)
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[25] EN
[54] **A SYRINGE ASSEMBLY**
[54] **ENSEMBLE SERINGUE**
[72] AIKEN, HANNAH, GB
[72] GRIMES, CHRIS, GB
[72] HIRSCHMANN, AARON, US
[72] FESUS, ROBERT, US
[71] SPECIAL PRODUCTS LIMITED, GB
[85] 2017-03-30
[86] 2015-10-02 (PCT/GB2015/052891)
[87] (WO2016/051200)
[30] GB (1417545.9) 2014-10-03

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[51] **Int.Cl. A61K 31/05 (2006.01)**
[25] EN
[54] **USE OF CANNABIDIOL IN THE TREATMENT OF TUBEROUS SCLEROSIS COMPLEX**
[54] **UTILISATION DE CANNABIDIOL DANS LE TRAITEMENT DE LA SCLEROSE TUBEREUSE DE BOURNEVILLE**
[72] GUY, GEOFFREY, GB
[72] WRIGHT, STEPHEN, GB
[72] MEAD, ALICE, GB
[72] THIELE, ELIZABETH, US
[71] GW PHARMA LIMITED, GB
[85] 2017-03-30
[86] 2015-10-14 (PCT/GB2015/053024)
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[51] **Int.Cl. A61K 31/203 (2006.01) A61P 17/10 (2006.01)**
[25] EN
[54] **LOW DOSE ORAL PHARMACEUTICAL COMPOSITION OF ISOTRETINOIN**
[54] **COMPOSITION PHARMACEUTIQUE D'ISOTRETINOINE A FAIBLE DOSAGE DESTINEE A LA VOIE ORALE**
[72] MADAN, HARISH KUMAR, IN
[72] VENKATESHWARAN, RATHINASABAPATHY, IN
[72] MADAN, SUMIT, IN
[72] KOCHHAR, RAVI, IN
[71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
[85] 2017-03-30
[86] 2015-05-29 (PCT/IB2015/054080)
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[30] IN (2827/DEL/2014) 2014-10-01

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[51] **Int.Cl. A61K 31/05 (2006.01) A61P 25/08 (2006.01)**
[25] EN
[54] **USE OF CANNABINOIDS IN THE TREATMENT OF EPILEPSY**
[54] **UTILISATION DE CANNABINOIDES DANS LE TRAITEMENT DE L'EPILEPSIE**
[72] GUY, GEOFFREY, GB
[72] WRIGHT, STEPHEN, GB
[72] MEAD, ALICE, GB
[72] DEVINSKY, ORRIN, US
[71] GW PHARMA LIMITED, GB
[85] 2017-03-30
[86] 2015-10-14 (PCT/GB2015/053028)
[87] (WO2016/059403)
[30] GB (1418171.3) 2014-10-14

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[25] EN
[54] **ENHANCED LOADING OF INTACT, BACTERIALLY DERIVED VESICLES WITH SMALL MOLECULE COMPOUNDS**
[54] **CHARGE AMELIOREE DE COMPOSES A PETITES MOLECULES DANS DES VESICULES D'ORIGINE BACTERIENNE INTACTES**
[72] BRAHMBHATT, HIMANSHU, AU
[72] MACDIARMID, JENNIFER, AU
[71] ENGENEIC MOLECULAR DELIVERY PTY LTD, AU
[85] 2017-03-30
[86] 2015-10-02 (PCT/IB2015/057558)
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[25] EN
[54] **AMPHOTERIC ESTER SULFONATES**
[54] **SULFONATES D'ESTERS AMPHOTERES**
[72] BOAZ, NEIL WARREN, US
[72] BOONE, MATTHEW ALLEN, US
[72] LLOYD, JENNIFER MICHELLE, US
[71] EASTMAN CHEMICAL COMPANY, US
[85] 2017-03-30
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR SILENCING HEPATITIS B VIRUS GENE EXPRESSION**
[54] **COMPOSITIONS ET METHODES D'EXTINCTION DE L'EXPRESSION DU GENE DU VIRUS DE L'HEPATITE B**
[72] CROSS, JENNIFER L., CA
[72] DHILLON, AMMEN P., CA
[72] LEE, AMY C.H., CA
[72] MACLACHLAN, IAN, CA
[72] SNEAD, NICHOLAS M., CA
[72] THI, EMILY P., CA
[71] PROTIVA BIOTHERAPEUTICS, INC., CA
[85] 2017-03-30
[86] 2015-10-01 (PCT/US2015/053569)
[87] (WO2016/054421)
[30] US (62/059,056) 2014-10-02
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[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/437 (2006.01) A61P 25/28 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **N-SUBSTITUTED BETA-CARBOLINIUM COMPOUNDS AS POTENT P-GLYCOPROTEIN INDUCERS**
[54] **COMPOSES BETA-CARBOLINIUM N-SUBSTITUES COMME PUISSANTS INDUCTEURS DE P-GLYCOPROTEINE**
[72] BHARATE, SANDIP, IN
[72] KUMAR, AJAY, IN
[72] MANDA, SUDHAKAR, IN
[72] JOSHI, PRASHANT, IN
[72] BHARATE, SONALI, IN
[72] VISHWAKARMA, RAM, IN
[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
[85] 2017-03-31
[86] 2015-10-21 (PCT/IN2015/050142)
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[25] EN
[54] **METHODS OF ISOLATING T CELL RECEPTORS HAVING ANTIGENIC SPECIFICITY FOR A CANCER-SPECIFIC MUTATION**
[54] **PROCEDES D'ISOLEMENT DE RECEPTEURS DES LYMPHOCYTES T PRESENTANT UNE SPECIFICITE ANTIGENIQUE POUR UNE MUTATION SPECIFIQUE DU CANCER**
[72] TRAN, ERIC, US
[72] LU, YONG-CHEN, US
[72] ROBBINS, PAUL F., US
[72] ROSENBERG, STEVEN A., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2017-03-31
[86] 2014-10-02 (PCT/US2014/058796)
[87] (WO2016/053338)

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[13] A1
[51] **Int.Cl. C07D 471/18 (2006.01) A61K 31/513 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **PYRIMIDINONES AS FACTOR XIA INHIBITORS**
[54] **PYRIMIDINES UTILISEES EN TANT QU'INHIBITEURS DU FACTEUR XIA**
[72] DILGER, ANDREW K., US
[72] CORTE, JAMES R., US
[72] DE LUCCA, INDAWATI, US
[72] FANG, TIANAN, US
[72] YANG, WU, US
[72] WANG, YUFENG, US
[72] PABBISETTY, KUMAR BALASHANMUGA, US
[72] EWING, WILLIAM R., US
[72] ZHU, YEHENG, US
[72] WEXLER, RUTH R., US
[72] PINTO, DONALD J.P., US
[72] ORWAT, MICHAEL J., US
[72] SMITH II, LEON M., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-03-31
[86] 2015-07-29 (PCT/US2015/042576)
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[30] US (62/058,316) 2014-10-01

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[13] A1
[51] **Int.Cl. G01N 33/15 (2006.01) G01N 1/38 (2006.01)**
[25] EN
[54] **DISSOLUTION TESTING OF HYDROPHOBIC ACTIVE PHARMACEUTICAL INGREDIENTS SUCH AS AVERMECTINS WITH OR WITHOUT PYRANTEL**
[54] **ESSAI DE DISSOLUTION D'INGREDIENTS PHARMACEUTIQUES ACTIFS HYDROPHOBES COMME LES AVERMECTINES AVEC OU SANS PYRANTEL**
[72] RUSTUM, ABU M., US
[72] KUMAR, SATISH, US
[72] MCADOO, ANDREW L., US
[71] MERIAL INC., US
[85] 2017-03-31
[86] 2015-10-01 (PCT/US2015/053487)
[87] (WO2016/054373)
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[54] **A HYDROCRACKING PROCESS INTEGRATED WITH SOLVENT DEASPHALTING TO REDUCE HEAVY POLYCYCLIC AROMATIC BUILDUP IN HEAVY OIL HYDROCRACKER RECYCLE STREAM**
[54] **PROCEDE D'HYDROCRAQUAGE ET DE DESASPHALTAGE AU SOLVANT INTEGRE POUR REDUIRE L'ACCUMULATION D'AROMATIQUES POLYCYCLIQUES LOURDS DANS LE FLUX DE RECYCLAGE D'UN HYDROCRAQUEUR D'HUILE LOURDE**
[72] MACRIS, ARISTIDES, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-04-03
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[25] EN
[54] **HIV VACCINES COMPRISING ONE OR MORE POPULATION EPISENSUS ANTIGENS**
[54] **VACCINS CONTRE LE VIH COMPRENANT UN OU PLUSIEURS ANTIGENES EPISENSUS DE POPULATION**
[72] FRUEH, KLAUS, US
[72] PICKER, LOUIS, US
[72] KORBER, BETTE T.M., US
[72] THEILER, JAMES, US
[72] MARSHALL, EMILY, US
[72] BRUENING, ERIC, US
[71] LOS ALAMOS NATIONAL SECURITY, LLC, US
[71] VIR BIOTECHNOLOGY, INC., US
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
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[51] **Int.Cl. A61K 38/20 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **MULTIPLE-VARIABLE IL-2 DOSE REGIMEN FOR TREATING IMMUNE DISORDERS**
[54] **SCHEMA POSOLOGIQUE D'IL-2 VARIABLES MULTIPLES POUR LE TRAITEMENT DE TROUBLES IMMUNITAIRES**
[72] KORETH, JOHN, US
[72] SOIFFER, ROBERT J., US
[72] RITZ, JEROME, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-04-03
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[25] EN
[54] **RECOMBINANT BORRELIA PROTEINS AND METHODS OF USE THEREOF**
[54] **PROTEINES DE BORRELIA RECOMBINANTES ET PROCEDE D'UTILISATION DE CELLES-CI**
[72] LUFT, BENJAMIN J., US
[72] BRUNO, JOHN F., US
[72] XU, YUN, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2017-04-04
[86] 2015-10-06 (PCT/US2015/054303)
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[30] US (62/060,867) 2014-10-07
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[25] EN
[54] **FORMULATIONS CONTAINING TIOTROPIUM, AMINO ACID AND ACID AND METHODS THEREOF**
[54] **FORMULATION CONTENANT DU TIOTROPIUM, UN ACIDE AMINE ET UN ACIDE, ET PROCEDES ASSOCIES**
[72] SUNG, JEAN C., US
[72] PERRY, JASON M., US
[72] TAUBER, MICHAEL, US
[71] PULMATRIX OPERATING COMPANY, INC., US
[85] 2017-04-04
[86] 2015-10-07 (PCT/US2015/054447)
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[25] EN
[54] **SILYLATED PYRIMIDINE PRODRUGS AND METHODS OF THEIR USE**
[54] **PROMEDICAMENTS SOUS FORME DE PYRIMIDINE SILYLEE ET METHODES D'UTILISATION DESDITS PROMEDICAMENTS**
[72] DAIFUKU, RICHARD, US
[72] SERGUEEV, DMITRI S., US
[71] EPIGENETICS PHARMA LLC, US
[85] 2017-04-04
[86] 2015-10-08 (PCT/US2015/054755)
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[25] EN
[54] **SPIRO-INDOLINES FOR THE TREATMENT AND PROPHYLAXIS OF RESPIRATORY SYNCYTIAL VIRUS INFECTION (RSV)**
[54] **SPIRO-INDOLINES POUR LE TRAITEMENT ET LA PROPHYLAXIE DE L'INFECTION PAR LE VIRUS RESPIRATOIRE SYNCYTIAL (VRS)**
[72] COCKERILL, STUART, GB
[72] MATHEWS, NEIL, GB
[72] WARD, SIMON, GB
[72] LUNN, GRAHAM, GB
[72] PARADOWSKI, MICHAEL, GB
[72] GASCON SIMORTE, JOSE MIGUEL, GB
[71] REVIRAL LIMITED, GB
[85] 2017-04-05
[86] 2015-10-06 (PCT/GB2015/052920)
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[51] **Int.Cl. C10G 50/00 (2006.01) B01J 23/755 (2006.01) B01J 29/072 (2006.01) C07C 1/20 (2006.01) C10G 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND PROCESSES FOR CONVERSION OF ETHYLENE FEEDSTOCKS TO HYDROCARBON FUELS**
[54] **SYSTEMES ET PROCEDES DE CONVERSION DE MATIERES PREMIERES A BASE D'ETHYLENE EN CARBURANTS HYDROCARBONES**
[72] LILGA, MICHAEL, US
[72] HALLEN, RICHARD, US
[72] ALBRECHT, KARL, US
[72] COOPER, ALAN, US
[72] FRYE, JOHN, US
[72] RAMASAMY, KARTHIKEYAN KALLUPALAYAM, US
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2017-04-05
[86] 2015-10-29 (PCT/GB2015/053243)
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[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/574 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **BIOMARKERS FOR DISEASE PROGRESSION IN MELANOMA**
[54] **BIOMARQUEURS POUR L'EVOLUTION D'UNE MALADIE DANS UN MELANOME**
[72] LABUS, MARIE, GB
[72] LOVAT, PENNY, GB
[72] ELLIS, ROBERT, GB
[71] UNIVERSITY OF NEWCASTLE UPON TYNE, GB
[85] 2017-04-05
[86] 2015-11-05 (PCT/GB2015/053347)
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[25] EN
[54] **OXIDATION OF URONIC ACIDS TO ALDARIC ACIDS**
[54] **OXYDATION D'ACIDES URONIQUES EN ACIDES ALDARIQUES**
[72] VAN ES, DANIEL STEPHAN, NL
[72] PAZHAVELIKKAKATH PURUSHOTHAMAN, RAJEESH KUMAR, NL
[72] FRISSEN, AUGUSTINUS EMMANUEL, NL
[72] VAN HAVEREN, JACOBUS, NL
[72] VAN DER KLIS, FRITS, NL
[71] STICHTING WAGENINGEN RESEARCH, NL
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF TREPROSTINIL**
[54] **PROCEDE DE PREPARATION DE TREPROSTINIL**
[72] JUHASZ, IMRE, HU
[72] HORTOBAGYI, IREN, HU
[72] ALTSACH, TAMAS, HU
[72] LASZLOFI, ISTVAN, HU
[72] NAGYNE BORKO, AGNES, HU
[72] ROZSUMBERSZKI, IMRE, HU
[72] HAVASI, GABOR, HU
[72] KARDOS, ZSUZSANNA, HU
[72] BUZDER-LANTOS, PETER, HU
[71] CHINOIN GYOGYSZER ES VEGYESZETI TERMEKEK GYARA ZRT., HU
[85] 2017-04-06
[86] 2015-09-28 (PCT/HU2015/000065)
[87] (WO2016/055819)
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[51] **Int.Cl. G01N 24/08 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING A PROCESS FOR REFINING A HYDROCARBON FEEDSTOCK BY NMR MEASUREMENT OF TRANSVERSE RELAXATION TIME T2**
[54] **METHODE DE SUIVI D'UN PROCEDE DE RAFFINAGE D'UNE CHARGE D'HYDROCARBURES PAR MESURE RMN DE TEMPS DE RELAXATION TRANSVERSALE T2**
[72] ADAM-BERRET, MATTHIEU, BE
[72] MARCHAL, CHARLES, BE
[72] LACROIX, MAXIME, BE
[72] VENDRELL, GLORIA, FR
[71] TOTAL RAFFINAGE CHIMIE, FR
[85] 2017-04-06
[86] 2015-11-24 (PCT/FR2015/053183)
[87] (WO2016/083722)
[30] FR (1461593) 2014-11-27

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[13] A1
[51] **Int.Cl. C10G 50/00 (2006.01) C07C 1/20 (2006.01) C10G 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND PROCESSES FOR CONVERSION OF ETHYLENE FEEDSTOCKS TO HYDROCARBON FUELS**
[54] **SYSTEMES ET PROCEDES DE CONVERSION DE MATIERES PREMIERES A BASE D'ETHYLENE EN CARBURANTS HYDROCARBONES**
[72] LILGA, MICHAEL, US
[72] HALLEN, RICHARD, US
[72] ALBRECHT, KARL, US
[72] COOPER, ALAN, US
[72] FRYE, JOHN, US
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[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2017-04-06
[86] 2015-10-29 (PCT/GB2015/053242)
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[30] US (14/528,185) 2014-10-30

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[13] A1
[51] **Int.Cl. C07C 217/62 (2006.01) A61K 9/107 (2006.01) A61K 9/51 (2006.01) A61K 31/12 (2006.01) A61K 31/357 (2006.01) A61K 31/44 (2006.01) A61K 31/5575 (2006.01) A61K 47/08 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **NANOSTRUCTURED FORMULATIONS FOR THE DELIVERY OF SILIBININ AND OTHER ACTIVE INGREDIENTS FOR TREATING OCULAR DISEASES**
[54] **COMPOSITIONS NANOSTRUCTUREES POUR ADMINISTRATION DE SILIBININE ET D'AUTRES PRINCIPES ACTIFS PERMETTANT DE TRAITER DES MALADIES OCULAIRES**
[72] BLANCO, ANNA RITA, IT
[72] BONDI', MARIA LUISA, IT
[72] CAVALLARO, GENNARA, IT
[72] CONSOLI, GRAZIA MARIA LETIZIA, IT
[72] CRAPARO, EMANUELA FABIOLA, IT
[72] GIAMMONA, GAETANO, IT
[72] LICCIARDI, MARIANO, IT
[72] PITARRESI, GIOVANNA, IT
[72] GRANATA, GIUSEPPE, IT
[72] SALADINO, PATRIZIA, IT
[72] LA MARCA, CLARA, IT
[72] DEIDDA, IRENE, IT
[72] PAPASERGI, SALVATORE, IT
[72] GUARNERI, PATRIZIA, IT
[72] CUZZOCREA, SALVATORE, IT
[72] ESPOSITO, EMANUELA, IT
[72] VIOLA, SANTA, IT
[71] DISTRETTO TECNOLOGICO SICILIA MICRO E NANO SISTEMI S.C.A.R.L., IT
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[87] (WO2016/055976)
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[51] **Int.Cl. C07D 277/68 (2006.01) A61K 31/428 (2006.01) A61P 31/04 (2006.01) C07D 277/62 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL BENZOTHIAZOLE DERIVATIVES**
[54] **DERIVES DE BENZOTHIAZOLE ANTIBACTERIENS**
[72] SCHMITT, CHRISTINE, CH
[72] CHAPOUX, GAELLE, CH
[72] MIRRE, AZELY, CH
[72] SPECKLIN, JEAN-LUC (DECEASED), CH
[72] SURIVET, JEAN-PHILIPPE, CH
[71] ACTELION PHARMACEUTICALS LTD, CH
[85] 2017-04-06
[86] 2015-11-18 (PCT/IB2015/058919)
[87] (WO2016/079688)
[30] EP (PCT/EP2014/075009) 2014-11-19

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[51] **Int.Cl. C07D 215/54 (2006.01) A23L 27/20 (2016.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **SUBSTITUTED 4-AMINO-5-(CYCLOHEXYLOXY)QUINOLINE-3-CARBOXYLIC ACIDS AS SWEET FLAVOR MODIFIERS**
[54] **ACIDES 4-AMINO-5-(CYCLOHEXYLOXY)QUINOLINE-3-CARBOXYLIQUES SUBSTITUES EN TANT QUE MODIFICATEURS D'AROME EDULCORANTS**
[72] PETROVIC, GORAN, US
[72] FOTSING, JOSEPH, US
[72] SERVANT, GUY, US
[72] TACHDJIAN, CATHERINE, US
[72] KARANEWSKY, DONALD, US
[72] VONG, BINH, US
[72] BOREN, BRANT CLAYTON, US
[72] CHEN, QING, US
[72] ZHANG, HONG, US
[72] CHING, BRETT WEYLAN, US
[72] LAPERA, STEPHANIE, US
[71] SENOMYX, INC., US
[85] 2017-04-05
[86] 2015-10-28 (PCT/US2015/057753)
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[30] US (62/076,975) 2014-11-07

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[13] A1
[51] **Int.Cl. A61K 31/045 (2006.01) A61K 31/135 (2006.01) A61P 31/10 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INCREASING THE POTENCY OF ANTIFUNGAL AGENTS**
[54] **PROCEDES ET COMPOSITIONS POUR AUGMENTER L'ACTIVITE D'AGENTS ANTIFONGIQUES**
[72] LUDLOW, CATHERINE, US
[72] DUDLEY, AIMEE M., US
[72] TAN, ZHIHAO, SG
[71] PACIFIC NORTHWEST RESEARCH INSTITUTE, US
[85] 2017-04-06
[86] 2015-10-06 (PCT/US2015/054304)
[87] (WO2016/057563)
[30] US (62/061,579) 2014-10-08
[30] US (62/190,660) 2015-07-09

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[51] **Int.Cl. A61K 35/17 (2015.01) C12N 5/0783 (2010.01) A61P 35/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **BIOMARKERS PREDICTIVE OF THERAPEUTIC RESPONSIVENESS TO CHIMERIC ANTIGEN RECEPTOR THERAPY AND USES THEREOF**
[54] **BIOMARQUEURS PREDICTIFS DE LA REACTIVITE THERAPEUTIQUE A UNE THERAPIE PAR RECEPTEURS ANTIGENIQUES CHIMERES ET LEURS UTILISATIONS**
[72] BEDOYA, FELIPE, US
[72] BITTER, HANS, US
[72] BROGDON, JENNIFER, US
[72] DORFMEIER, CORIN, US
[72] GARG, ABHISHEK, US
[72] GLASS, DAVID, US
[72] MANNICK, JOAN, US
[72] MELENHORST, JAN J., US
[72] MILONE, MICHAEL C., US
[72] MURPHY, LEON, US
[72] ORLANDO, ELENA, US
[72] WILCOX, NICHOLAS, US
[71] NOVARTIS AG, CH
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2017-04-06
[86] 2015-10-07 (PCT/US2015/054542)
[87] (WO2016/057705)
[30] US (62/061,553) 2014-10-08
[30] US (62/144,682) 2015-04-08

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[51] **Int.Cl. A61K 47/26 (2006.01) A61K 9/107 (2006.01) A61K 31/202 (2006.01) A61K 47/10 (2017.01)**
[25] EN
[54] **SELF-MICELLIZING FATTY ACIDS AND FATTY ACID ESTER COMPOSITIONS AND THEIR USE IN THE TREATMENT OF DISEASE STATES**
[54] **COMPOSITIONS D'ACIDES GRAS ET D'ESTERS D'ACIDES GRAS AUTO-MICELLISANTES, AINSI QUE LEUR UTILISATION DANS LE TRAITEMENT D'ETATS PATHOLOGIQUES**
[72] SANCILIO, FREDERICK D., US
[72] THORSTEINSSON, THORSTEINN, US
[72] DANIEL-ARCHIBALD, GLYNIS, US
[72] LOPEZ-TOLEDANO, MIGUEL, US
[72] DAAK, AHMED ABD ALMALIK AHMED MOHAMMED, US
[71] SANCILIO & COMPANY, INC., US
[85] 2017-04-06
[86] 2015-10-09 (PCT/US2015/054933)
[87] (WO2016/057915)
[30] US (62/062,638) 2014-10-10
[30] US (62/062,643) 2014-10-10
[30] US (62/062,646) 2014-10-10
[30] US (62/062,651) 2014-10-10
[30] US (62/062,652) 2014-10-10
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[51] **Int.Cl. C07D 211/44 (2006.01) C07D 211/22 (2006.01) C07D 211/58 (2006.01) C07D 213/30 (2006.01) C07D 213/40 (2006.01) C11D 1/90 (2006.01)**
[25] EN
[54] **HETEROCYCLIC AMPHOTERIC COMPOUNDS AS SURFACTANTS**
[54] **COMPOSES AMPHOTERES HETEROCYCLIQUES EN TANT QUE TENSIOACTIFS**
[72] BOAZ, NEIL WARREN, US
[72] BOONE, MATTHEW ALLEN, US
[71] EASTMAN CHEMICAL COMPANY, US
[85] 2017-04-06
[86] 2015-10-13 (PCT/US2015/055263)
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[30] US (14/518,517) 2014-10-20

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[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/4196 (2006.01) A61K 31/422 (2006.01) A61K 31/427 (2006.01) A61K 31/4412 (2006.01) A61K 31/4439 (2006.01) A61K 31/497 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61P 25/12 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 417/14 (2006.01) C07D 493/08 (2006.01)**
[25] EN
[54] **DOPAMINE D3 RECEPTOR ANTAGONIST COMPOUNDS**
[54] **COMPOSES ANTAGONISTES DES RECEPTEURS D3 A LA DOPAMINE**
[72] CREMONESI, SUSANNA, IT
[72] MICHELI, FABRIZIO, IT
[72] SEMERARO, TERESA, IT
[72] TARSI, LUCA, IT
[71] INDIVIOR UK LIMITED, GB
[85] 2017-04-07
[86] 2015-10-30 (PCT/GB2015/053272)
[87] (WO2016/067043)
[30] GB (1419430.2) 2014-10-31
[30] GB (1419433.6) 2014-10-31

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[13] A1
[51] **Int.Cl. C07K 1/113 (2006.01) A61K 47/68 (2017.01) C07K 5/02 (2006.01) C07K 7/02 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 16/40 (2006.01) C12P 21/00 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **GLYCOENGINEERED ANTIBODY DRUG CONJUGATES**
[54] **CONJUGUES MEDICAMENT-ANTICORPS MODIFIES PAR GLYCANE**
[72] AVILA, LUIS Z., US
[72] ZHOU, QUN, US
[71] GENZYME CORPORATION, US
[85] 2017-04-07
[86] 2015-10-08 (PCT/US2015/054651)
[87] (WO2016/057769)
[30] US (62/061,989) 2014-10-09

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 9/00 (2006.01) A61P 19/08 (2006.01) G01N 33/543 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **TREATMENT OF CARDIOVASCULAR DISEASE USING ACTRII LIGAND TRAPS**
[54] **TRAITEMENT D'UNE MALADIE CARDIOVASCULAIRE A L'AIDE DE PIEGES DE LIGANDS D'ACTRII**
[72] HRUSKA, KEITH, US
[72] FANG, YIFU, US
[72] SMITH, WILLIAM, US
[72] CHEN, NIANHANG, US
[71] CELGENE CORPORATION, US
[71] WASHINGTON UNIVERSITY, US
[85] 2017-04-07
[86] 2015-10-08 (PCT/US2015/054674)
[87] (WO2016/069234)
[30] US (62/062,021) 2014-10-09
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[71] NEEM BIOTECH LIMITED, GB
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[72] GARCIA, JULIO AGUSTIN ISLA, GB
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[54] **COMBINAISONS COMPRENANT DU SIPONIMOD ET DU LAQUINIMOD POUR LE TRAITEMENT DE LA SCLEROSE EN PLAQUES**
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[71] NOVARTIS AG, CH
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[54] **CONJUGUES ET DERIVES DE PROSTAGLANDINE POUR TRAITEMENT DU GLAUCOME ET DE L'HYPERTENSION OCULAIRE**
[72] ELLIS, DAVID, US
[72] SCHEIBLER, LUKAS, US
[72] SHARIF, NAJAM, US
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[54] **MOLECULES D'ANTICORPS DE PD-L1 ET LEURS UTILISATIONS**
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[72] FREY, GERHARD JOHANN, US
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[54] **CATALYSEURS D'HYDROGENATION D'ARENES ET UTILISATIONS ASSOCIEES**
[72] PODSIADLO, PAUL, US
[72] LI, QUANCHANG, US
[72] CALABRO, DAVID CHARLES, US
[72] BEECKMAN, JEAN WILLEM LODEWIJK, US
[72] ZHANG, LEI, US
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[54] **COMPOSITIONS ANTITRANSPIRANTES ANHYDRES SOUS FORME D'AEROSOLS**
[72] COURT, DUNCAN ALEXANDER, GB
[72] FRANKLIN, KEVIN RONALD, GB
[72] WATERFIELD, PHILIP CHRISTOPHER, GB
[71] UNILEVER PLC, GB
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[72] BHARATE, SANDIP BIBISHAN, IN
[72] KUMAR, AJAY, IN
[72] SINGH, BALJINDER, IN
[72] KUMAR, ASHOK, IN
[72] BHUSHAN, SHASHI, IN
[72] HAMID, ABID, IN
[72] JOSHI, PRASHANT, IN
[72] GURU, SANTOSH KUMAR, IN
[72] KUMAR, SURESH, IN
[72] HUSSAIN, AASHIQ, IN
[72] QAZI, ASIF KHURSHID, IN
[72] BHARATE, SONALI SANDIP, IN
[72] SHARMA, PARDUMAN, IN
[72] SAXENA, AJIT KUMAR, IN
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[72] MAHAJAN, GIRISH, IN
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[72] HORNBERGER, KEITH R., US
[72] MEYERS, KENNETH MICHAEL, US
[72] NEMOTO, PETER ALLEN, US
[72] SURPRENANT, SIMON, US
[72] YU, HUI, US
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[54] **COMPOSITIONS COMPRENANT DES AMMONIOALCANOATES D'ESTER ZWITTERIONIQUES**
[72] FEVOLA, MICHAEL J., US
[72] FUETTERER, TOBIAS J., US
[72] YORK, STACEY E., US
[72] BOAZ, NEIL WARREN, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[72] SLOEY, CHRISTOPHER JAMES, US
[72] KANAPURAM, SEKHAR, US
[71] AMGEN INC., US
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[54] **PROCEDE DE DETECTION D'UNE CONTAMINATION A LA MERULE**
[72] MOULARAT, STEPHANE, FR
[72] ROBINE, ENRIC, FR
[71] CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT (CSTB), FR
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[54] **TIME-CONTROLLED GLUCOSE RELEASING HYDROGELS AND APPLICATIONS THEREOF**
[54] **HYDROGELS DE LIBERATION DE GLUCOSE CONTROLEE DANS LE TEMPS ET APPLICATIONS ASSOCIEES**
[72] DESCHEPPER, MICKAEL, FR
[72] PETITE, HERVE, FR
[72] LOGEART AVRAMOGLOU, DELPHINE, FR
[72] PAQUET, JOSEPH, FR
[72] PAUTHE, EMMANUEL, FR
[72] BIDAULT, LAURENT, FR
[72] LARRETA GARDE, VERONIQUE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[54] **METHODES DE PREDICTION DE TAUX DE MEDICAMENTS ANTI-TNF ALPHA ET FORMATION D'AUTOANTICORPS**
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[72] KONDRAGUNTA, VENKATESWARLU, US
[71] NESTEC S.A., CH
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[54] **COMBINATION COMPRISING SPIRULINA AND PALMITOYLETHANOLAMIDE AND/OR SALTS OR PHARMACEUTICALLY ACCEPTABLE DERIVATIVES THEREOF AND THEIR FORMULATIONS, FOR USE IN THE PREVENTION AND/ORIN THE TREATMENT OF HYPERACTIVATED TISSUE CONDITIONS**
[54] **ASSOCIATION COMPRENANT DE LA SPIRULINE ET DU PALMITOYLETHANOLAMIDE ET/OU DES SELS OU DES DERIVES PHARMACEUTIQUEMENT ACCEPTABLES DE CEUX-CI ET LEURS FORMULATIONS, POUR UNE UTILISATION DANS LA PREVENTION ET/OU LE TRAITEMENT D'ETATS D'HYPERACTIVITE DES TISSUS**
[72] MIGLIACCIO, RAFFAELE, IT
[72] MIGLIACCIO, CARMELA, IT
[72] SARDEI, ANTONELLA, IT
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[54] **COMBUSTIBLES DE SOUTE UTILISES DANS LES TRANSPORTS MARITIMES A FAIBLE TENEUR EN SOUFRE ET LEURS PROCEDES DE FABRICATION**
[72] ROBINSON, CHRISTOPHER E., GB
[72] DAWE, SARA, GB
[72] KARLSSON, ERIK, GB
[72] GRATI, HEDI, GB
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **HETEROARYL COMPOUNDS AS IRAK INHIBITORS AND USES THEREOF**
[54] **COMPOSES HETEROARYLES SERVANT D'INHIBITEURS D'IRAK, ET LEURS UTILISATIONS**
[72] JORAND-LEBRUN, CATHERINE, US
[72] JONES, REINALDO, US
[72] WON, ANNIE CHO, US
[72] NGUYEN, NGAN, US
[72] JOHNSON, THERESA L., US
[72] DESELM, LIZBETH CELESTE, US
[72] PANDA, KAUSIK, IN
[71] MERCK PATENT GMBH, DE
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[54] **METHODS AND COMPOSITIONS FOR DIAGNOSIS AND TREATMENT OF CANCER**
[54] **METHODES ET COMPOSITIONS DE DIAGNOSTIC ET DE TRAITEMENT DU CANCER**
[72] SAHIN, UGUR, DE
[72] PARET, CLAUDIA, DE
[72] BENDER, CHRISTIAN, DE
[72] VORMBROCK, KIRSTEN, DE
[72] BAREA ROLDAN, DIANA, DE
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[54] **CEILING FAN BLADE STRUCTURE AND CEILING FAN**
[54] **STRUCTURE DE PALE DE VENTILATEUR DE PLAFOND ET VENTILATEUR DE PLAFOND**
[72] TANG, XINMIN, CN
[72] LEI, SHUISHENG, CN
[72] LIANG, YAOGUANG, CN
[71] GD MIDEA ENVIRONMENT APPLIANCES MFG CO., LTD., CN
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[54] **SUBSTITUTED AMINO SIX-MEMBERED SATURATED HETEROCYCLIC FAT USED AS LONG-ACTING DPP-IV INHIBITOR**
[54] **CORPS GRAS HETEROCYCLIQUE SATURE A SIX CHAINONS AMINO SUBSTITUE UTILISE COMME INHIBITEUR DE LA DPP-IV, A ACTION PROLONGEE**
[72] XU, XINHE, CN
[72] SHEN, YU, CN
[72] XIAO, DENGMING, CN
[72] LUO, HONG, CN
[72] PENG, YONG, CN
[72] HAN, YONGXIN, CN
[72] ZHANG, AIMING, CN
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[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE PAQUET DE DONNEES DE FLUX DE DONNEES DE SERVICE**
[72] ZHANG, WEI, CN
[72] PENG, CHENGHUI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[72] LUCAS, BRYAN CHAPMAN, US
[72] LEWIS, BRYAN JOHN, US
[72] SCHAFFNER, AUSTIN CARL, US
[72] HUNTER, TIMOTHY H., US
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[54] **ENSEMBLE PERMETTANT DE SOUTENIR UN BIOFILM MIXTE**
[72] COTE, PIERRE LUCIEN, CA
[72] PEETERS, JEFFREY GERARD, CA
[71] GENERAL ELECTRIC COMPANY, US
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[72] TAYLOR, WESLEY P., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
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[54] **TRANSMITTER AND PARITY PERMUTATION METHOD THEREOF**
[54] **EMETTEUR ET PROCEDE DE PERMUTATION DE PARITE ASSOCIE**
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[72] MYUNG, SE-HO, KR
[72] JEONG, HONG-SIL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **CONFIGURATIONS DE VEHICULE AERIEN SANS PILOTE COLLECTIF**
[72] PACZAN, NATHAN MICHAEL, US
[72] ELZINGA, MICHAEL JOHN, US
[72] HSIEH, RAPHAEL, US
[72] NGUYEN, LUAN KHAI, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR EXPANSION DE BOITIER OCULAIRE DANS DES AFFICHAGES TETE HAUTE PORTABLES**
[72] BAILEY, MATTHEW, CA
[72] ALEXANDER, STEFAN, CA
[72] MORRISON, VANCE R., CA
[72] HOLLAND, LLOYD FREDERICK, CA
[71] THALMIC LABS INC., CA
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[54] **SYSTEME ET PROCEDE D'ASSURANCE D'ACCOUPLEMENT**
[72] MAALOUF, KHALIL JOHN, US
[72] SPADE, RODNEY K., US
[71] TE CONNECTIVITY CORPORATION, US
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[54] **DISPOSITIFS DE PROTECTION CONTRE LES SURTENSIONS, LES SURINTENSITES ET LES ARCS ELECTRIQUES**
[72] POLITIS ZAFIRIS G., GR
[72] KOSTAKIS, GRIGORIS, GR
[72] TSOVILIS, THOMAS, GR
[72] BAKATSIAS, KOSTAS, GR
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[54] **APPAREIL DE PROTECTION**
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[72] SRI GOPALA KRISHNA MURTHI, SANKARA SUBRAMANIAN, GB
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[54] **EMETTEUR ET PROCEDE POUR GENERER UNE PARITE ADDITIONNELLE POUR CELUI-CI**
[72] JEONG, HONG-SIL, KR
[72] KIM, KYUNG-JOONG, KR
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[54] **SYSTEME DE GENERATION ET DE DISTRIBUTION D'ENERGIE POUR UNITES DE FORAGE EN MER**
[72] PEDERSEN, JOHN RON, DK
[71] MAERSK DRILLING A/S, DK
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[54] **PROCEDE ET APPAREIL DE TRANSFERT DE PUISSANCE POUR UN DISPOSITIF ELECTRONIQUE PORTABLE**
[72] OO, WEI LUN, MY
[72] CHONG, CHEE KHON, MY
[72] FAM, FOOK TENG, MY
[72] LEE, SIN KENG, MY
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **TRANSMITTER AND SHORTENING METHOD THEREOF**
[54] **EMETTEUR ET SON PROCEDE DE RACCOURCISSEMENT**
[72] JEONG, HONG-SIL, KR
[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
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[54] **FRACTIONNEMENT THERMIQUE DE MATIERE VEGETALE**
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[72] GAUS, JOHN PAUL, US
[71] BIOFRACT, LLC, US
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[54] **TAMIS VIBRANT MODULAIRE GRAND FORMAT A ENVERGURE VARIABLE ET AMPLITUDE VARIABLE**
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[72] ZHAO, YUEMIN, CN
[72] JIANG, HAISHEN, CN
[72] QIAO, JINPENG, CN
[72] DIAO, HAIRUI, CN
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[54] **SIMULATEUR DE VOL ET PROCEDE DE SIMULATION DE VOL**
[72] SCHLUSSELBERGER, RICHARD JUN., AT
[72] MAYRHOFER, MICHAEL, AT
[72] SCHLUSSELBERGER, RAINER, AT
[71] AMST-SYSTEMTECHNIK GMBH, AT
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[54] **PROCEDE DE DEPOT D'UNE BARRE OMNIBUS SUR DES VITRES EN PLASTIQUE DE VEHICULE AVEC FONCTION DE CHAUFFAGE**
[72] WEISSENBERGER, UWE, DE
[72] GULDAN, MARCUS, DE
[72] SCHMIDT, SEBASTIAN, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **EMETTEUR ET SON PROCEDE DE RACCOURCISSEMENT**
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[72] KIM, KYUNG-JOONG, KR
[72] JEONG, HONG-SIL, KR
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[54] **CONTROLE DE SYSTEME DE PROTECTION CONTRE LA FOUDRE**
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[72] NGUYEN, FRANCOIS, FR
[71] ARIANEGROUP SAS, FR
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[54] **APPAREIL D'ENTRELACEMENT DE PARITE POUR CODAGE D'INFORMATIONS DE SIGNALISATION DE LONGUEUR FIXE, ET PROCEDE D'ENTRELACEMENT DE PARITE UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
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[54] **METHOD AND APPARATUS FOR MEASURING TEMPERATURE WITHIN A GIVEN TEMPERATURE RANGE USING A SELECTED TEMPERATURE SENSOR**
[54] **PROCEDE ET APPAREIL DE MESURE DE TEMPERATURE DANS UNE PLAGE DE TEMPERATURES DONNEE AU MOYEN D'UN CAPTEUR DE TEMPERATURE SELECTIONNE**
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[72] JOYCE, RICHARD CHARLES, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **METHODS OF PURIFYING CANNABINOIDS, COMPOSITIONS AND KITS THEREOF**
[54] **PROCEDES DE PURIFICATION DE CANNABINOIDES, COMPOSITIONS DE CANNABINOIDES ET TROUSSES ASSOCIEES**
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[71] PHYTOPLANT RESEARCH S.L., ES
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[72] BOLLSTROM, ROGER, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] GANE, PATRICK A.C., CH
[71] OMYA INTERNATIONAL AG, CH
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[54] **BORNE ELECTRIQUE ET DISPOSITIF DE FORMATION D'UNE BORNE**
[72] SCHMIDT, HELGE, DE
[72] MYERS, MARJORIE KAY, US
[72] COLLEGE, DAVID ALAN, US
[71] TE CONNECTIVITY GERMANY GMBH, DE
[71] TE CONNECTIVITY CORPORATION, US
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[54] **SYSTEME DE TRAITEMENT DES GAZ D'ECHAPPEMENT**
[72] VOSS, KENNETH E., US
[72] MOHANAN, JAYA L., US
[72] HALLSTROM, KEVIN A., US
[72] SHAH, SANDIP D., US
[72] HOCHMUTH, JOHN K., US
[71] BASF CORPORATION, US
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[54] **METHOD AND DEVICE FOR FRAGMENTING AND/OR WEAKENING POURABLE MATERIAL BY MEANS OF HIGH VOLTAGE DISCHARGES**
[54] **PROCEDE ET DISPOSITIF DE FRAGMENTATION ET/OU D'AFFAIBLISSEMENT DE MATERIAU EN VRAC AU MOYEN DE DECHARGES A HAUTE TENSION**
[72] KAPPELER, JOHANNES, CH
[72] MULLER-SIEBERT, REINHARD, CH
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[54] **TEXTILE RECOUVERT D'UNE SURFACE EXTERIEURE ACTIVE ET D'UNE SURFACE INTERIEURE ACTIVE COMPRENANT DES FIBRES OPTIQUES**
[72] SOLIS HERRERA, ARTURO, MX
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[54] **SYSTEME ET PROCEDE DE CONVERSION DE FARDAGE POUR EXPANSER UN MATERIAU DE STOCK DE FEUILLES PRE-FENDU**
[72] CHEICH, ROBERT, US
[71] RANPAK CORPORATION, US
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[54] **USE OF EDIBLE-OIL-PROCESSING SPENT BLEACHING EARTH IN FORMULATING POULTRY AND LIVESTOCK FEED PRODUCTS**
[54] **UTILISATION DE TERRE DECOLORANTE USAGEE SERVANT AU TRAITEMENT D'HUILE COMESTIBLE DANS LA FORMULATION DE PRODUITS D'ALIMENTATION POUR VOLAILLE ET BETAIL**
[72] SMALLWOOD, NORMAN J., US
[71] SMALLWOOD, NORMAN J., US
[85] 2017-08-23
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[54] **METHOD OF MAKING LIGNOCELLULOSIC COMPOSITES**
[54] **PROCEDE DE FABRICATION DE COMPOSITES LIGNOCELLULOSIQUES**
[72] VARNELL, DANIEL F., US
[71] SOLENIS TECHNOLOGIES, L.P., CH
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[54] **VASCULAR PROSTHESIS DEPLOYMENT DEVICE AND METHOD OF USE**
[54] **DISPOSITIF DE DEPLOIEMENT DE PROTHESE VASCULAIRE ET SON PROCEDE D'UTILISATION**
[72] CINDRICH, CHRISTOPHER NOEL, US
[72] HALL, JOHN WILLIAM, US
[72] ELLER, ZEKE, US
[72] ROBINSON, THOMAS, US
[72] MOWER, WAYNE, US
[71] MERIT MEDICAL SYSTEMS, INC., US
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[86] 2016-03-04 (PCT/US2016/020900)
[87] (WO2016/141295)
[30] US (62/129,006) 2015-03-05

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[25] EN
[54] **METHOD FOR CONDUCING CONCENTRATED CANNABIS OIL TO BE STABLE, EMULSIFIABLE AND FLAVORLESS FOR USE IN HOT BEVERAGES AND RESULTING POWDERIZED CANNABIS OIL**
[54] **PROCEDE POUR AMENER DE L'HUILE DE CANNABIS CONCENTREE A ETRE STABLE, EMULSIFIABLE ET SANS SAVEUR EN VUE DE SON UTILISATION DANS DES BOISSONS CHAUDES, ET HUILE DE CANNABIS REDUITEEN POUDRE AINSI OBTENUE**
[72] ROSS, FRANKLIN M., US
[72] ROSENTHAL, ED, US
[71] ROSS, FRANKLIN M., US
[71] ROSENTHAL, ED, US
[85] 2017-08-24
[86] 2016-02-23 (PCT/IB2016/050961)
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[30] US (62/120,275) 2015-02-24
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[51] **Int.Cl. B01D 53/52 (2006.01) B01D 53/02 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **METHOD TO SELECTIVELY REMOVE HYDROGEN SULFIDE FROM A GAS STREAM USING A FUNCTIONALIZED CROSS-LINKED MACROPOROUS POLYMER**
[54] **PROCEDE PERMETTANT D'ELIMINER SELECTIVEMENT LE SULFURE D'HYDROGENE D'UN FLUX GAZEUX A L'AIDE D'UN POLYMERE MACROPOREUX RETICULE FONCTIONNALISE**
[72] TAN, RUNYU, US
[72] BADHWAR, AJAY N., US
[72] GOLTZ, H. ROBERT, US
[72] PADILLA, GERARDO, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-08-24
[86] 2016-02-23 (PCT/US2016/019030)
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[30] US (62/121,576) 2015-02-27

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[25] EN
[54] **CYCLOOLEFIN POLYMER CONTAINER WITH A SCRATCH RESISTANT AND ANTI-STATIC COATING**
[54] **RECIPIENT EN POLYMERE DE CYCLOOLEFINE COMPRENANT UN REVETEMENT RESISTANT AUX RAYURES ET ANTISTATIQUE**
[72] WEIKART, CHRISTOPHER, US
[72] KIBELE, RALF, DE
[71] SIO2 MEDICAL PRODUCTS, INC., US
[85] 2017-08-24
[86] 2016-02-26 (PCT/US2016/019901)
[87] (WO2016/138455)
[30] US (62/120,975) 2015-02-26
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[51] **Int.Cl. C12N 9/12 (2006.01) C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12N 15/54 (2006.01)**
[25] EN
[54] **TRANSPOSASE POLYPEPTIDES AND USES THEREOF**
[54] **POLYPEPTIDES DE TRANSPOSASE ET LEURS UTILISATIONS**
[72] COOPER, LAURENCE J., US
[72] BELOUSOVA, NATALYA, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-08-24
[86] 2016-03-10 (PCT/US2016/021693)
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[30] US (62/131,827) 2015-03-11

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[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/04 (2006.01) C12N 15/31 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DETECTING BACTERIAL NUCLEIC ACID AND DIAGNOSING BACTERIAL VAGINOSIS**
[54] **PROCEDES ET COMPOSITIONS POUR LA DETECTION D'ACIDE NUCLEIQUE BACTERIEN ET LE DIAGNOSTIC D'UNE VAGINOSE BACTERIENNE**
[72] EATON, BARBARA L., US
[72] GETMAN, DAMON K., US
[72] PAWLOWSKI, TRACI, US
[71] GEN-PROBE INCORPORATED, US
[85] 2017-08-24
[86] 2016-03-16 (PCT/US2016/022628)
[87] (WO2016/149357)
[30] US (62/133,881) 2015-03-16
[30] US (62/168,405) 2015-05-29
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[51] **Int.Cl. B01J 13/04 (2006.01) A61K 9/127 (2006.01) B01F 3/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTINUOUS MANUFACTURING OF LIPOSOMAL DRUG FORMULATIONS**
[54] **SYSTEMES ET PROCEDES POUR LA FABRICATION CONTINUE DE FORMULATIONS DE MEDICAMENT LIPOSOMALES**
[72] COSTA, ANTONIO, US
[72] BURGESS, DIANE J., US
[71] UNIVERSITY OF CONNECTICUT, US
[85] 2017-08-24
[86] 2016-03-18 (PCT/US2016/023156)
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[25] EN
[54] **TREATMENT**
[54] **TRAITEMENT**
[72] TRIPATHI, VINEETA, GB
[72] SHERIDAN, ROSE, GB
[72] GREENWOOD, JOHN, GB
[72] MOSS, STEPHEN, GB
[71] UCL BUSINESS PLC, GB
[85] 2017-08-25
[86] 2016-02-22 (PCT/GB2016/050439)
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[51] **Int.Cl. A61G 1/04 (2006.01) A61F 5/37 (2006.01)**
[25] EN
[54] **HEAD SUPPORT SYSTEM**
[54] **SYSTEME SUPPORT DE TETE**
[72] TWITCHIN, MALCOLM, GB
[72] CLARK, ADRIAN, GB
[71] ABLE LOGIC SYSTEMS LIMITED, GB
[85] 2017-08-25
[86] 2015-02-27 (PCT/GB2015/050582)
[87] (WO2015/128670)
[30] GB (1403546.3) 2014-02-28

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[51] **Int.Cl. B65D 83/04 (2006.01) A61J 1/03 (2006.01) B65D 25/00 (2006.01) B65D 55/02 (2006.01) B65D 83/06 (2006.01)**
[25] EN
[54] **DISPENSING DEVICE, VALVE, CONTAINING APPARATUS HAVING SAME, CONTENTS MOVING APPARATUS AND CONTENTS APPARATUS**
[54] **DISPOSITIF DE TRANSFERT, VANNE, APPAREIL CONTENANT DOTE DE CELUI-CI, APPAREIL DE DEPLACEMENT DE CONTENU ET APPAREIL A CONTENU**
[72] PARK, SUHJUN, KR
[71] PARK, SUHJUN, KR
[85] 2017-08-25
[86] 2016-02-23 (PCT/KR2016/001727)
[87] (WO2016/137186)
[30] KR (10-2015-0027664) 2015-02-26
[30] KR (10-2015-0088754) 2015-06-22
[30] KR (10-2015-0106919) 2015-07-28
[30] KR (10-2015-0109279) 2015-08-02
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[30] KR (10-2016-0012597) 2016-02-01
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[51] **Int.Cl. D21H 17/02 (2006.01) D21H 17/06 (2006.01) D21H 27/00 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES COMPRISING A SURFACE SOFTENING COMPOSITION**
[54] **STRUCTURES FIBREUSES COMPRENANT UNE COMPOSITION DE RAMOLLISSEMENT EN SURFACE**
[72] MOHAMMADI, KHOSROW PARVIZ, US
[72] SCHUBERT, BETH ANN, US
[72] SCHEIBEL, JEFFREY JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-08-25
[86] 2016-02-18 (PCT/US2016/018376)
[87] (WO2016/137804)
[30] US (62/120,523) 2015-02-25

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[13] A1
[51] **Int.Cl. B65D 43/20 (2006.01) B65D 43/22 (2006.01) B65D 43/24 (2006.01)**
[25] EN
[54] **SLIDE AND LOCK PACKAGE**
[54] **EMBALLAGE A VERROU A COULISSE**
[72] RUD, DIANA KAY, US
[71] SONOCO DEVELOPMENT, INC., US
[85] 2017-08-25
[86] 2016-02-25 (PCT/US2016/019541)
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[30] US (14/636,827) 2015-03-03

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[25] EN
[54] **DOUBLE COMPONENT MANDREL FOR ELECTROSPUN STENTLESS, MULTI-LEAFLET VALVE FABRICATION**
[54] **MANDRIN A DEUX COMPOSANTS POUR LA FABRICATION D'UNE VALVE CARDIAQUE A VALVULES MULTIPLES, SANS STENT ET A FIBRES ELECTROFILEES**
[72] BADHWAR, VINAY, US
[72] CHUN, YOUNG JAE, US
[72] D'AMORE, ANTONIO, US
[72] WAGNER, WILLIAM R., US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2017-08-25
[86] 2016-02-26 (PCT/US2016/019837)
[87] (WO2016/138416)
[30] US (62/126,040) 2015-02-27

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[51] **Int.Cl. A61F 2/28 (2006.01) A61C 8/02 (2006.01) A61L 27/06 (2006.01) A61L 27/18 (2006.01) A61L 27/50 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING A CAP OF A COVERING DEVICE FOR A BONE DEFECT SITE; DEVICE FOR COVERING AND/OR RECONSTRUCTING A BONE DEFECT SITE**
[54] **PROCEDE POUR LA FABRICATION D'UN CHAPEAU D'UN DISPOSITIF DE RECOUVREMENT POUR UN SITE DE DEFAUT OSSEUX, ET DISPOSITIF POUR LE RECOUVREMENT ET/OU LA RECONSTRUCTION D'UN SITE DE DEFAUT OSSEUX**
[72] SEILER, MARCUS, DE
[71] REOSS GMBH, DE
[85] 2017-08-24
[86] 2016-01-11 (PCT/DE2016/000016)
[87] (WO2016/112894)
[30] DE (10 2015 000 496.4) 2015-01-13
[30] DE (10 2015 006 153.4) 2015-05-08

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[51] **Int.Cl. C01G 7/00 (2006.01) B82Y 40/00 (2011.01) C01G 5/00 (2006.01) B82Y 5/00 (2011.01) B82Y 15/00 (2011.01)**
[25] EN
[54] **ENHANCED PLASMONIC NANOPARTICLES FOR CANCER THERAPY AND DIAGNOSTICS**
[54] **NANOPARTICULES PLASMONIQUES AMELIOREES POUR THERAPIE ET DIAGNOSTICS DU CANCER**
[72] HABER, LOUIS, US
[72] KARAM, TONY, US
[72] SMITH, HOLDEN, US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
[85] 2017-08-25
[86] 2016-03-03 (PCT/US2016/020704)
[87] (WO2016/141193)
[30] US (62/127,325) 2015-03-03

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[13] A1
[51] **Int.Cl. H04W 74/08 (2009.01) H04W 24/00 (2009.01) H04W 80/02 (2009.01)**
[25] EN
[54] **WI-FI FRAMES INCLUDING FRAME EXTENSIONS**
[54] **TRAMES WI-FI COMPRENANT DES EXTENSIONS DE TRAME**
[72] BHARADWAJ, ARJUN, US
[72] TIAN, BIN, US
[72] VERMANI, SAMEER, US
[72] KIM, YOUHAN, US
[72] PATI, VISHVABHUSAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-08-25
[86] 2016-04-02 (PCT/US2016/025782)
[87] (WO2016/164279)
[30] US (62/144,216) 2015-04-07
[30] US (62/151,399) 2015-04-22
[30] US (62/152,008) 2015-04-23
[30] US (15/088,113) 2016-04-01

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[13] A1
[51] **Int.Cl. B22D 7/02 (2006.01) B22D 27/04 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING TURBOMACHINE COMPONENTS, BLANK AND FINAL COMPONENT**
[54] **PROCEDE DE FABRICATION DE PIECES DE TURBOMACHINE, EBAUCHE ET PIECE FINALE**
[72] MARTIN, GUILLAUME, FR
[72] MARCILLAUD, CELINE JEANNE, FR
[72] MINEUR-PANIGEON, MARIE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-08-28
[86] 2016-03-04 (PCT/FR2016/050507)
[87] (WO2016/142611)
[30] FR (1552055) 2015-03-12

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[13] A1
[51] **Int.Cl. C23C 16/44 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING FLEXIBLE ORGANIC-INORGANIC LAMINATES**
[54] **PROCEDE DE PRODUCTION DE LAMINES ORGANIQUES-INORGANIQUES FLEXIBLES**
[72] AHLF, MARAIKE, DE
[72] FRANK, JUERGEN, DE
[72] ADERMANN, TORBEN, DE
[72] KLOTZ, STEPHAN, CH
[71] BASF COATINGS GMBH, DE
[85] 2017-08-28
[86] 2016-03-15 (PCT/EP2016/055534)
[87] (WO2016/150759)
[30] EP (15160789.2) 2015-03-25

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[13] A1
[51] **Int.Cl. A01N 25/02 (2006.01) A01N 61/00 (2006.01) A01P 3/00 (2006.01) A01P 7/04 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING A PESTICIDE AND ISONONANOIC ACID N,N-DIMETHYL AMIDE**
[54] **COMPOSITION COMPRENANT UN PESTICIDE ET DU N,N-DIMETHYL AMIDE D'ACIDE ISONONANOIQUE**
[72] TIEFENSEE, KRISTIN, DE
[72] FLEUTE-SCHLACHTER, INGO, DE
[72] MORMUL, VERENA, DE
[72] SIEGEL, BERND, DE
[71] BASF SE, DE
[85] 2017-08-28
[86] 2016-03-21 (PCT/EP2016/056078)
[87] (WO2016/156075)
[30] EP (15162020.0) 2015-03-31

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[13] A1
[51] **Int.Cl. A61K 31/727 (2006.01) A61K 31/198 (2006.01) A61K 31/69 (2006.01) A61K 38/07 (2006.01) A61K 38/55 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **RONEPARSTAT COMBINED THERAPY OF MULTIPLE MYELOMA**
[54] **THERAPIE COMBINEE DU MYELOME MULTIPLE A BASE DE RONEPARSTAT**
[72] SANDERSON, RALPH D., US
[72] PRAKASH C. RAMANI, VISHNU, US
[72] NOSEDA, ALESSANDRO, CH
[72] BARBIERI, PAOLA, CH
[71] LEADIANT BIOSCIENCES S.A., CH
[71] THE UAB RESEARCH FOUNDATION, US
[85] 2017-08-28
[86] 2016-03-03 (PCT/IB2016/051196)
[87] (WO2016/142814)
[30] US (62/129,221) 2015-03-06
[30] US (62/153,899) 2015-04-28

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[51] **Int.Cl. C08F 2/00 (2006.01) B01J 19/18 (2006.01) C08F 4/6592 (2006.01) C08F 10/02 (2006.01)**
[25] EN
[54] **OPTIMIZED AGITATOR SYSTEM FOR PRODUCTION OF POLYOLEFIN**
[54] **SYSTEME D'AGITATEUR OPTIMISE POUR LA PRODUCTION DE POLYOLEFINE**
[72] LACOMBE, YVES, CA
[72] CLAVELLE, ERIC, CA
[72] SALOMONS, STEPHEN, CA
[72] HAWRYLUK, ANDREW, CA
[72] BROWN, STEPHEN, CA
[72] WALLS, MARION, CA
[71] NOVA CHEMICALS (INTERNATIONAL) S.A., CH
[85] 2017-06-08
[86] 2016-01-04 (PCT/IB2016/050025)
[87] (WO2016/110795)
[30] US (62/101,082) 2015-01-08

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[13] A1
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/00 (2006.01)**
[25] EN
[54] **RUNNING FLUID FOR USE IN A SUBTERRANEAN FORMATION OPERATION**
[54] **FLUIDE DE CIRCULATION DESTINE A ETRE UTILISE DANS UNE OPERATION DE FORMATION SOUTERRAINE**
[72] LIVANEC, PHILIP WAYNE, US
[72] DAVIS, CHESNEE LAE, US
[72] SHUMWAY, WILLIAM WALTER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-08-28
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[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) H04L 9/08 (2006.01) H04L 9/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURING DATA**
[54] **SYSTEMES ET PROCEDES POUR SECURISER DES DONNEES**
[72] PEDDADA, PRASAD, US
[72] HORWITZ, JEREMY, US
[72] ELGAMAL, TAHER, US
[72] STEELE, MATTHEW, US
[72] GUEST, RYAN, US
[71] SALESFORCE.COM, INC., US
[85] 2017-08-28
[86] 2016-01-13 (PCT/US2016/013257)
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[30] US (14/635,265) 2015-03-02

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04N 21/2383 (2011.01) H04L 1/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **BROADCAST SIGNAL FRAME GENERATION APPARATUS AND BROADCAST SIGNAL FRAME GENERATION METHOD USING LAYERED DIVISION MULTIPLEXING**
[54] **APPAREIL DE GENERATION DE TRAME DE SIGNAUX DE RADIODIFFUSION, ET PROCEDE DE GENERATION DE TRAME DE SIGNAUX DE RADIODIFFUSION UTILISANT LE MULTIPLEXAGE PAR REPARTITION EN COUCHES**
[72] LEE, JAE-YOUNG, KR
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[85] 2017-08-28
[86] 2016-02-11 (PCT/KR2016/001399)
[87] (WO2016/140445)
[30] KR (10-2015-0031089) 2015-03-05
[30] KR (10-2016-0004461) 2016-01-13

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[13] A1
[51] **Int.Cl. C22B 3/12 (2006.01) C22B 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR BREAKING DOWN A SOLID PARTICLE MIXTURE CONTAINING IRIDIUM METAL AND/OR IRIDIUM OXIDE**
[54] **PROCEDE DE DESAGREGATION D'UN MELANGE DE PARTICULES SOLIDES CONTENANT DE L'IRIDIUM ET/OU DE L'OXYDE D'IRIDIUM METALLIQUE**
[72] STETTNER, MARTIN, DE
[72] GUNTHER, MAGDALENA, DE
[72] FUCHS ALAMEDA, STEFANIE, DE
[72] THIEL, VASCO, DE
[72] VOSS, STEFFEN, DE
[71] HERAEUS DEUTSCHLAND GMBH & CO. KG, DE
[85] 2017-08-28
[86] 2016-02-24 (PCT/EP2016/053818)
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[30] EP (15164448.1) 2015-04-21

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[13] A1
[51] **Int.Cl. B05C 17/005 (2006.01) B05D 1/26 (2006.01)**
[25] EN
[54] **NOZZLE TIP AND METHOD FOR DISPENSING ONTO A PARTIAL CUT PANEL**
[54] **EMBOUT DE BUSE ET PROCEDE DE DISTRIBUTION SUR UN PANNEAU A DECOUPE PARTIELLE**
[72] DOMENIGHI, ALVARO S., US
[72] GUSTAFSON, KIM L., US
[72] ZIMMERMAN, PATRICK G., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-08-28
[86] 2016-03-04 (PCT/US2016/020806)
[87] (WO2016/148937)
[30] US (62/132,810) 2015-03-13

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[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) A61K 35/74 (2015.01) A61P 35/00 (2006.01) C07K 14/195 (2006.01) C07K 19/00 (2006.01) C12N 9/10 (2006.01) C12N 9/90 (2006.01) C12N 15/31 (2006.01) C12N 15/52 (2006.01) C12N 15/54 (2006.01) C12N 15/61 (2006.01) C12N 15/62 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **LISTERIA-BASED COMPOSITIONS COMPRISING A PEPTIDE MINIGENE EXPRESSION SYSTEM AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS A BASE DE LISTERIA COMPRENANT UN SYSTEME D'EXPRESSION DE MINIGENES CODANT POUR DES PEPTIDES, ET LEURS PROCEDES D'UTILISATION**
[72] PETIT, ROBERT, US
[72] PRINCIOTTA, MICHAEL F., US
[71] ADVAXIS, INC., US
[85] 2017-08-28
[86] 2016-03-03 (PCT/US2016/020571)
[87] (WO2016/141121)
[30] US (62/127,614) 2015-03-03

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[13] A1
[51] **Int.Cl. B05C 17/005 (2006.01) B05D 1/26 (2006.01)**
[25] EN
[54] **NOZZLE TIP AND METHOD FOR FILLING HONEYCOMB PANEL FOR REINFORCEMENT**
[54] **EMBOUT DE BUSE ET PROCEDE DE REMPLISSAGE D'UN PANNEAU EN NID D'ABEILLES POUR UN RENFORT**
[72] DOMENIGHI, ALVARO S., US
[72] GUSTAFSON, KIM L., US
[72] ZIMMERMAN, PATRICK G., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **USE OF ALKALINE WASHES DURING CHROMATOGRAPHY TO REMOVE IMPURITIES**
[54] **UTILISATION DE LAVAGES ALCALINS DURANT UNE CHROMATOGRAPHIE POUR ELIMINER LES IMPURETES**
[72] WANG, JUE, US
[72] JAFFE, NEIL E., US
[72] PATEL, KRINA, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2017-08-28
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[25] EN
[54] **NON-HUMAN ANIMAL EXHIBITING DIMINISHED UPPER AND LOWER MOTOR NEURON FUNCTION AND SENSORY PERCEPTION**
[54] **ANIMAL NON HUMAIN PRESENTANT UNE BAISSE DE LA FONCTION DES NEURONES MOTEURS SUPERIEURS ET INFERIEURS ET DE LA PERCEPTION SENSORIELLE**
[72] IKIZ, BURCIN, US
[72] LACROIX-FRALISH, MICHAEL, US
[72] CROLL, SUSAN D., US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2017-08-28
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[25] EN
[54] **BALLISTIC AND STAB RESISTANT COMPOSITE**
[54] **COMPOSITE PARE-BALLES ET RESISTANT AUX COUPS DE POIGNARD**
[72] ROZANT, OLIVIER, FR
[72] BADER, YVES, FR
[72] BOOGH, LOUIS, CH
[72] PONT, NICOLAS, FR
[71] E I DU PONT DE NEMOURS AND COMPANY, US
[85] 2017-08-28
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[51] **Int.Cl. C10M 121/04 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING LIGNIN DERIVATIVE-BASED, POLYUREA-THICKENED LUBRICATING GREASES, SUCH LUBRICANT GREASES AND USE THEREOF**
[54] **PROCEDE DE FABRICATION DE GRAISSES LUBRIFIANTES EPAISSIES PAR POLYUREE, A BASE DE DERIVES DE LIGNINE, GRAISSES LUBRIFIANTES DE CE TYPE ET LEUR UTILISATION**
[72] LITTERS, THOMAS, DE
[72] HAHN, FLORIAN, DE
[72] GOERZ, TORSTEN, DE
[72] ERKEL, HANS JURGEN, DE
[71] FUCHS PETROLUB SE, DE
[85] 2017-08-29
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[25] EN
[54] **A DEVICE FOR THE UNIFORM DISTRIBUTION OF SLURRIES**
[54] **DISPOSITIF POUR LA DISTRIBUTION UNIFORME DE BOUES**
[72] KARAKOUSSIS, STERGIOS, DE
[72] KOCH, THOMAS, DE
[72] KRAMER, THOMAS, DE
[72] HARTMANN, ALEXANDER, DE
[72] PARASKOV, GEORGI, DE
[72] SCHNEIDERBANGER, RAINER, DE
[72] KNAUF, CARLO, DE
[71] KNAUF GIPS KG, DE
[85] 2017-08-29
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[72] SEIER, MARION KARIN, GB
[72] EVANS, HAROLD CHARLES, GB
[71] THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD & RURAL AFFAIRS, GB
[85] 2017-08-29
[86] 2016-03-02 (PCT/GB2016/050553)
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[30] GB (1503510.8) 2015-03-02

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[25] EN
[54] **SEMIOCHEMICAL COMPOSITIONS FOR THE PREVENTION OF HEMATOPHAGOUS DIPTERA INSECTS FROM LANDING AND BITING ANIMALS**
[54] **COMPOSITIONS SEMIOCHIMIQUES POUR EMPECHER DES INSECTES DIPTERES HEMATOPHAGES DE SE POSER SUR DES ANIMAUX ET DE MORDRE CES DERNIERS**
[72] PAGEAT, PATRICK, FR
[71] INSTITUT DE RECHERCHE EN SEMIOCHIMIE ET ETHOLOGIE APPLIQUEE, FR
[85] 2017-08-29
[86] 2016-03-03 (PCT/IB2016/000336)
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[25] EN
[54] **LOW BULK DENSITY COMPOSITION FOR MAKING A TEA BEVERAGE HAVING REDUCED DUST OR FINES**
[54] **COMPOSITION A FAIBLE DENSITE APPARENTE DESTINEE A LA FABRICATION D'UNE BOISSON DE TYPE THE PRESENTANT UNE TENEUR REDUITE EN POUSSIERE OU EN FINES**
[72] ROUSSEAU, CEDRIC, LU
[71] SWM LUXEMBOURG SARL, LU
[85] 2017-08-29
[86] 2016-02-25 (PCT/IB2016/051044)
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[25] EN
[54] **LANDING OF UNMANNED AERIAL VEHICLES ON MOVING TRANSPORTATION VEHICLES FOR TRANSPORT**
[54] **ATTERRISSAGE DE DRONES SUR DES VEHICULES DE TRANSPORT EN MOUVEMENT A DES FINS DE TRANSPORT**
[72] BUCHMUELLER, DANIEL, US
[72] GREEN, SCOTT A., US
[72] KALYAN, ATISHKUMAR, US
[72] KIMCHI, GUR, US
[71] AMAZON TECHNOLOGIES, INC., US
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[25] EN
[54] **IMMUNOMODULATORY FUSION PROTEINS AND USES THEREOF**
[54] **PROTEINES DE FUSION IMMUNOMODULATRICES ET LEURS UTILISATIONS**
[72] ODA, SHANNON K., US
[72] GREENBERG, PHILIP D., US
[72] SCHMITT, THOMAS M., US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
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[54] **GEL PRECURSEUR DE VERRE**
[72] COOPER, SCOTT P., US
[72] WEIL, SCOTT, US
[72] REMINGTON, MICHAEL P., US
[72] BHADURI, SUTAPA, US
[72] GULLINKALA, TILAK, US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
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[25] EN
[54] **LOW DELAMINATION MOLD RELEASE**
[54] **DEMOULAGE A FAIBLE DELAMINAGE**
[72] PETERSON, KYLE W., US
[72] PETERSON, BRUCE W., US
[72] CRAWFORD, MARK L., US
[71] PETERSON CHEMICAL TECHNOLOGY, LLC, US
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[25] EN
[54] **LOW-EMISSION FIRED HEATER**
[54] **DISPOSITIF DE CHAUFFAGE A COMBUSTION A FAIBLE EMISSION**
[72] BADGWELL, THOMAS A., US
[72] HERSHKOWITZ, FRANK, US
[72] BARCKHOLTZ, TIMOTHY A., US
[72] BERLOWITZ, PAUL J., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2017-08-29
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[25] EN
[54] **EMULSION FOR REDUCED FAT FOOD PRODUCTS**
[54] **EMULSION POUR PRODUITS ALIMENTAIRES A TENEUR REDUITE EN GRAISSES**
[72] SMITH, PAUL RAYMOND, BE
[72] WALLECAN, JOEL RENE PIERRE, BE
[71] CARGILL, INCORPORATED, US
[85] 2017-08-29
[86] 2016-03-10 (PCT/US2016/021758)
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[51] **Int.Cl. C08G 75/045 (2016.01) C08L 81/02 (2006.01)**
[25] EN
[54] **THIOLENE-BASED COMPOSITIONS WITH EXTENDED POT LIFE**
[54] **COMPOSITIONS A BASE DE THIOLENE A DUREE DE VIE EN POT PROLONGEE**
[72] POWELL, ADAM B., US
[72] SCHWARTZMILLER, DAVINA J., US
[72] BOWLES, STEVEN E., US
[72] MORAVEK, SCOTT J., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2017-08-29
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[51] **Int.Cl. B32B 3/06 (2006.01) B32B 17/00 (2006.01) E04B 2/72 (2006.01) E04C 2/26 (2006.01) E04C 2/32 (2006.01) E04C 2/38 (2006.01)**
[25] EN
[54] **GLASS PANEL RECONFIGURABLE WALL PANELS**
[54] **PANNEAUX DE PAROI RECONFIGURABLES DE PANNEAU DE VERRE**
[72] GOSLING, GEOFF, CA
[72] SMED, MOGENS, CA
[72] TISDALL, MARK, CA
[72] CASSIE, BRIAN, CA
[72] HOVDEBO, KENTON, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, INC., US
[85] 2017-08-29
[86] 2016-03-16 (PCT/US2016/022634)
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[30] US (62/133,569) 2015-03-16
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[54] **BI-CRUCIATE KNEE SYSTEM**
[54] **SYSTEME DE PRESERVATION DE DEUX LIGAMENTS CROISES**
[72] METZGER, ROBERT, US
[72] LOMBARDI, ADOLPH V., US
[72] PETERS, CHRISTOPHER, US
[72] DECLAIRE, JEFFREY, US
[72] BEREND, KEITH R., US
[72] DELLA VALLE, CRAIG, US
[72] DURCHOLZ, BRADLEY T., US
[72] BEDKE, BRICE, US
[71] BIOMET MANUFACTURING CORP., US
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[30] US (14/639,522) 2015-03-05

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[51] **Int.Cl. C03B 3/00 (2006.01) C03B 5/00 (2006.01) C03C 3/04 (2006.01)**
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[54] **PROCESS FOR THE PREPARATION OF A SILICA MELT**
[54] **PROCEDE DE PREPARATION DE SILICE FONDUE**
[72] DEMOTT, GERARD, BE
[72] MAROLT, BOSTJAN, BE
[72] DUCARME, DAVID, BE
[71] KNAUF INSULATION, BE
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[30] GB (1501307.1) 2015-01-27

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[51] **Int.Cl. C07K 7/02 (2006.01) C07K 1/02 (2006.01) C07K 1/06 (2006.01) C07K 5/00 (2006.01) C07K 5/02 (2006.01) C07K 5/06 (2006.01) C07K 7/00 (2006.01) C07K 14/575 (2006.01)**
[25] EN
[54] **PROCESS FOR THE LIQUID PHASE SYNTHESIS OF H-INP-(D)BAL-(D)TRP-PHE-APC-NH2, AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF**
[54] **PROCEDE DE SYNTHESE EN PHASE LIQUIDE DE H-INP-(D)BAL-(D)TRP-PHE-APC-NH2, ET DE SELS PHARMACEUTIQUEMENT ACCEPTABLES DE CELUI-CI**
[72] DECROOS, KAREL, BE
[72] TITEUX, OLIVIER, BE
[71] MOTUS THERAPEUTICS, INC., US
[85] 2017-08-29
[86] 2015-03-04 (PCT/US2015/018589)
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[30] US (61/947,748) 2014-03-04

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[51] **Int.Cl. A61F 5/445 (2006.01) A61F 5/44 (2006.01)**
[25] EN
[54] **UROSTOMY APPLIANCE**
[54] **APPAREIL D'UROSTOMIE**
[72] WILTSHIRE, NEIL, GB
[71] SALTS HEALTHCARE LIMITED, GB
[85] 2017-08-30
[86] 2016-02-12 (PCT/GB2016/050348)
[87] (WO2016/139448)
[30] GB (1503472.1) 2015-03-02

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[51] **Int.Cl. H04H 20/59 (2009.01) H04H 60/51 (2009.01) H04N 21/434 (2011.01) H04N 21/454 (2011.01) H04N 21/488 (2011.01) H04L 29/08 (2006.01)**
[25] EN
[54] **RECEPTION APPARATUS, RECEPTION METHOD, TRANSMISSION APPARATUS, AND TRANSMISSION METHOD FOR A LOCATION BASED FILTERING OF EMERGENCY INFORMATION**
[54] **APPAREIL DE RECEPTION, PROCEDE DE RECEPTION, APPAREIL DE TRANSMISSION, ET PROCEDE DE TRANSMISSION POUR UN FILTRAGE BASE SUR UN EMPLACEMENT D'INFORMATIONS D'URGENCE**
[72] KITAZATO, NAOHISA, JP
[72] KITAHARA, JUN, JP
[72] YAMAGISHI, YASUAKI, JP
[72] YAMANE, TAKETOSHI, JP
[71] SONY CORPORATION, JP
[85] 2017-08-30
[86] 2016-03-22 (PCT/JP2016/001636)
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[30] JP (2015-076733) 2015-04-03

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[51] **Int.Cl. B29C 47/92 (2006.01) B29C 55/06 (2006.01)**
[25] EN
[54] **INSTALLATION FOR PRODUCING A FILM WEB AND METHOD FOR OPERATING SUCH AN INSTALLATION**
[54] **INSTALLATION PERMETTANT DE FABRIQUER UNE BANDE DE FILM ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE TELLE INSTALLATION**
[72] NEUSS, ANDREAS, DE
[72] HOLIGHAUS, ARMIN, DE
[72] WALACH, PAUL, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[85] 2017-08-30
[86] 2016-04-21 (PCT/DE2016/000168)
[87] (WO2016/192698)
[30] DE (10 2015 006 891.1) 2015-06-03

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[13] A1
[51] **Int.Cl. D21J 7/00 (2006.01)**
[25] EN
[54] **USE OF A STRENGTH COMPOSITION FOR INCREASING WET DIMENSIONAL STABILITY OF A MOULDED PULP ARTICLE**
[54] **UTILISATION DE COMPOSITION DE RESISTANCE POUR ACCROITRE LA STABILITE DIMENSIONNELLE HUMIDE D'UN ARTICLE DE PATE MOULE**
[72] HEMMES, JAN-LUIKEN, DE
[72] WEI, JONATHAN, CN
[72] LU, RONGJUN, CN
[71] KEMIRA OYJ, FI
[85] 2017-08-30
[86] 2016-04-21 (PCT/FI2016/050261)
[87] (WO2016/170232)
[30] CN (201510190683.6) 2015-04-21
[30] FI (20155325) 2015-05-05

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[25] EN
[54] **METHOD AND APPARATUS FOR MANUFACTURING A PROFILE ELEMENT**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'UN ELEMENT PROFILE**
[72] WEILING, MARKUS, DE
[72] OBER, ANDREAS, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2017-08-30
[86] 2016-05-11 (PCT/EP2016/060496)
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[51] **Int.Cl. C12N 9/90 (2006.01) C07K 1/16 (2006.01) C07K 1/18 (2006.01) C07K 1/20 (2006.01) C07K 1/22 (2006.01) C07K 16/40 (2006.01) C12N 9/02 (2006.01) G01N 33/53 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **ULTRAPURIFIED DSBA AND DSBC AND METHODS OF MAKING AND USING THE SAME**
[54] **DSBA ET DSBC ULTRAPURIFIES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] WONG, MARC, US
[72] YEE, LILIANA T., US
[72] LIM, AMY, US
[72] FONG, CHRIS B., US
[71] GENENTECH, INC., US
[85] 2017-08-29
[86] 2016-03-04 (PCT/US2016/021059)
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[30] US (62/129,701) 2015-03-06

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[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) H02K 7/18 (2006.01) E21B 21/08 (2006.01)**
[25] EN
[54] **TURBINE-GENERATOR-ACTUATOR ASSEMBLY FOR ROTARY STEERABLE TOOL USING A GEARBOX**
[54] **ENSEMBLE TURBINE-GENERATEUR-ACTIONNEUR POUR OUTIL ROTATIF ORIENTABLE METTANT EN UVRE UNE BOITE A ENGRENAGES**
[72] DEOLALIKAR, NEELESH V., US
[72] WINSLOW, DANIEL, US
[72] RILEY, BENJAMIN S., US
[72] AGNIHOTRI, MUKUL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-08-30
[86] 2015-04-15 (PCT/US2015/025992)
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[25] EN
[54] **CELL THERAPEUTIC AGENT FOR CANCER TREATMENT AND COMBINATION THERAPY WITH SAME**
[54] **AGENT THERAPEUTIQUE CELLULAIRE POUR LE TRAITEMENT DU CANCER ET POLYTHERAPIE L'UTILISANT**
[72] SUH, HAE YOUNG, KR
[72] KIM, SUNG SOO, KR
[72] CHANG, DA YOUNG, KR
[72] JUNG, JIN HWA, KR
[72] LEE, YOUNG DON, KR
[72] HWANG, WOO SUP, KR
[72] PARK, JIN SUNG, KR
[72] LEE, SU JUNG, KR
[71] AJOU UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
[85] 2017-08-30
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[30] KR (10-2015-0031751) 2015-03-06

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[51] **Int.Cl. C30B 33/06 (2006.01) C30B 29/04 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE DIAMOND COMPACT WITH GRADIENT INTERFACIAL LAYER**
[54] **COMPACT DE DIAMANT POLYCRISTALLIN A COUCHE INTERFACIALE DE GRADIENT**
[72] CHANG, ANDY CHENG, US
[72] SAINI, GAGAN, US
[72] LIANG, QI, US
[72] LIVELY, PAUL B., US
[72] ATKINS, WILLIAM BRIAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-08-3
[86] 2015-04-28 (PCT/US2015/028018)
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[25] EN
[54] **TELEMEDICAL WEARABLE SENSING SYSTEM FOR MANAGEMENT OF CHRONIC VENOUS DISORDERS**
[54] **SYSTEME DE DETECTION PORTABLE DE TELEMEDECINE POUR LA GESTION DE TROUBLES VEINEUX CHRONIQUES**
[72] PAN, TINGRUI, US
[72] LI, RUYA, US
[72] CHI, YUNG-WEI, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-08-30
[86] 2015-11-05 (PCT/US2015/059320)
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[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/962 (2013.01) A61M 25/00 (2006.01)**
[25] EN
[54] **EXPANDABLE SHEATH WITH ELASTOMERIC CROSS SECTIONAL PORTIONS**
[54] **GAINE EXTENSIBLE AVEC PARTIES DE SECTION TRANSVERSALE EN ELASTOMERE**
[72] ZHOU, PU, US
[72] BULMAN, ERIK, US
[72] GAO, YONG, US
[72] BIAN, BAIGUI, US
[72] ZHU, YIDONG M., US
[72] WILLIAMS, DAVID DELON, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2017-08-30
[86] 2015-12-14 (PCT/US2015/065578)
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[30] US (62/145,968) 2015-04-10
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING SKIN TO RESOLVE INFLAMMATION AND SCREENING FOR ACTIVES THAT STIMULATE PRO-RESOLUTION PATHWAYS**
[54] **METHODES ET COMPOSITIONS VISANT A TRAITER LA PEAU A DES FINS DE RESOLUTION DE L'INFLAMMATION, ET A RECHERCHER PAR CRIBLAGE DES PRINCIPES ACTIFS STIMULANT LES VOIES FAVORISANT LA RESOLUTION DE L'INFLAMMATION**
[72] PERNODET, NADINE A., US
[72] DONALD, COLLINS F., US
[72] MOHAMMADI, FATEMEH, US
[71] ELC MANAGEMENT LLC, US
[85] 2017-08-30
[86] 2016-02-26 (PCT/US2016/019734)
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[30] US (62/130,644) 2015-03-10

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[13] A1
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[25] EN
[54] **PLATINUM-CONTAINING CATALYSTS FOR COMBUSTION ENGINES**
[54] **CATALYSEURS CONTENANT DU PLATINE POUR MOTEURS A COMBUSTION**
[72] WEI, XINYI, US
[72] ROTH, STANLEY A., US
[72] ZHU, HAIYANG, US
[71] BASF CORPORATION, US
[85] 2017-08-30
[86] 2016-03-03 (PCT/US2016/020668)
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[30] US (62/128,801) 2015-03-05

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[13] A1
[51] **Int.Cl. A61K 31/357 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION OF A PD-1 ANTAGONIST AND ERIBULIN FOR TREATING CANCER**
[54] **COMBINAISON D'UN ANTAGONISTE DE PD-1 ET D'ERIBULINE DANS LE TRAITEMENT DU CANCER**
[72] MATSUI, JUNJI, JP
[72] AKTAN, GURSEL, US
[72] KARANTZA, VASSILIKI, US
[72] YUAN, RUIRONG, US
[72] FUNAHASHI, YASUHIRO, JP
[72] BERRAK, ERHAN, US
[71] MERCK SHARP & DOHME CORP., US
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2017-08-30
[86] 2016-03-03 (PCT/US2016/020734)
[87] (WO2016/141209)
[30] US (62/128,373) 2015-03-04
[30] US (62/264,068) 2015-12-07

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[25] EN
[54] **ULTRAVIOLET CROSSLINKABLE COMPOSITION COMPRISING AN ACRYLIC POLYMER HAVING AN ULTRAVIOLET CROSSLINKABLE SITE**
[54] **COMPOSITION POUVANT ETRE RETICULEE AUX RAYONS ULTRAVIOLETS COMPRENANT UN POLYMERE ACRYLIQUE AYANT UN SITE POUVANT ETRE RETICULE AUX RAYONS ULTRAVIOLETS**
[72] KAWAGOE, MINORI, JP
[72] TAKAMATSU, YORINOBU, JP
[72] YUMIZA, KYOKO, JP
[72] NAKAYAMA, AKIHIKO, JP
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-08-30
[86] 2016-03-04 (PCT/US2016/020863)
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[25] EN
[54] **REBAUDIOSIDE-D CONTAINING SWEETENER COMPOSITIONS**
[54] **COMPOSITIONS EDULCORANTES CONTENANT DU REBAUDIOSIDE-D**
[72] PANARISI, JOSEPH, US
[72] JAE, JACOB PAUL, US
[72] VAZIRANI, ROMA, US
[71] HEARTLAND CONSUMER PRODUCTS, LLC, US
[71] PANARISI, JOSEPH, US
[71] JAE, JACOB PAUL, US
[71] VAZIRANI, ROMA, US
[85] 2017-08-30
[86] 2016-03-03 (PCT/US2016/020630)
[87] (WO2016/141152)
[30] US (62/127,480) 2015-03-03

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[13] A1
[51] **Int.Cl. C09K 15/04 (2006.01) F17D 1/05 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **WINTERIZING COMPOSITIONS FOR SULFUR SCAVENGERS AND METHODS FOR MAKING AND USING SAME**
[54] **COMPOSITIONS D'HIVERISATION POUR DES FIXATEURS DE SOUFRE ET MEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] WILSON, THOMAS P., JR., US
[72] WANNER, MARK, US
[72] MARCOTTE, JACOB, US
[72] HAMILTON, JOHN, CA
[72] SNODGRASS, BRIAN, CA
[71] LUBRIZOL OILFIELD SOLUTIONS, INC., US
[85] 2017-08-30
[86] 2016-03-10 (PCT/US2016/021739)
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[51] **Int.Cl. C22C 21/00 (2006.01) B22D 15/00 (2006.01) C22F 1/04 (2006.01)**
[25] EN
[54] **ALUMINUM ALLOYS FOR HIGHLY SHAPED PACKAGING PRODUCTS AND METHODS OF MAKING THE SAME**
[54] **ALLIAGES D'ALUMINIUM POUR DES PRODUITS D'EMBALLAGE FORTEMENT FACONNES ET LEURS PROCEDES DE PRODUCTION**
[72] WEN, WEI, US
[72] GO, JOHNSON, US
[72] KANG, DAEHOON, US
[71] NOVELIS INC., US
[85] 2017-08-30
[86] 2016-03-11 (PCT/US2016/021914)
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[30] US (62/132,534) 2015-03-13

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[25] EN
[54] **ALUMINUM ALLOY PRODUCTS, AND METHODS OF MAKING THE SAME**
[54] **PRODUITS D'ALLIAGE D'ALUMINUM ET LEURS PROCEDES DE FABRICATION**
[72] WILHELMY, DEBORAH M., US
[72] KARABIN, LYNETTE M., US
[72] YANAR, CAGATAY, US
[72] SIEMON, JOHN, US
[72] KILMER, RAYMOND J., US
[72] HEARD, DAVID W., US
[72] SATOH, GEN, US
[71] ARCONIC INC., US
[85] 2017-08-30
[86] 2016-03-11 (PCT/US2016/022168)
[87] (WO2016/145397)
[30] US (62/132,345) 2015-03-12

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/02 (2006.01)**
[25] EN
[54] **LAMINATED SEALING MEMBER FOR PROSTHETIC HEART VALVE**
[54] **ELEMENT D'ETANCHEITE STRATIFIE POUR UNE VALVE CARDIAQUE PROTHETIQUE**
[72] PELLED, ITAI, US
[72] SHERMAN, ELENA, US
[72] GOLDBERG, ERAN, US
[72] RUPP, KEVIN D., US
[72] NIR, NOAM, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2017-08-30
[86] 2016-04-28 (PCT/US2016/029769)
[87] (WO2016/176441)
[30] US (62/154,610) 2015-04-29
[30] US (15/140,387) 2016-04-27

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[51] **Int.Cl. C12P 7/10 (2006.01) C12N 1/16 (2006.01) C12N 1/19 (2006.01) C12P 1/02 (2006.01) C12P 7/02 (2006.01) C12P 19/00 (2006.01) C13K 1/00 (2006.01) D21C 1/02 (2006.01) D21C 1/04 (2006.01)**
[25] EN
[54] **CELLULOSIC BIOFUEL AND CO-PRODUCTS**
[54] **BIOCARBURANT CELLULOSIQUE ET COPRODUITS**
[72] JAVERS, JEREMY EDWARD, US
[72] GERKEN, CHRISTOPHER RILEY WILLIAM, US
[72] VANDER GRIEND, SAMUEL, US
[72] SPOONER, JESSE, US
[72] LICKLIDER, JONATHON PHILLIP, US
[72] GALLOP, CHARLES C., US
[72] LANTERO, ORESTE J., US
[72] EMME, BRANDON, US
[72] HOEFLING, RYAN EDWARD, US
[71] ICM, INC., US
[85] 2017-08-30
[86] 2016-06-10 (PCT/US2016/037072)
[87] (WO2016/201360)
[30] US (62/173,936) 2015-06-11

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[51] **Int.Cl. C22B 1/02 (2006.01) C22B 3/04 (2006.01) C22B 3/20 (2006.01) C22B 26/10 (2006.01) C22B 26/20 (2006.01) C22B 34/12 (2006.01) C22B 34/22 (2006.01) C22B 34/24 (2006.01) C22B 59/00 (2006.01)**
[25] EN
[54] **PROCESS**
[54] **PROCEDE**
[72] JHA, ANIMESH, GB
[72] HARA, YOTAMU STEPHEN RAINFORD, GB
[72] PARIRENYATWA, STEPHEN, GB
[72] SANCHEZ-SEGADO, SERGIO, GB
[71] UNIVERSITY OF LEEDS, GB
[85] 2017-08-31
[86] 2016-03-01 (PCT/GB2016/050530)
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[30] GB (1503635.3) 2015-03-04

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[51] **Int.Cl. C07K 19/00 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTOR (CAR) COMPRISING A CD19-BINDING DOMAIN**
[54] **RECEPTEUR D'ANTIGENE CHIMERE (CAR) COMPRENANT UN DOMAINE DE LIAISON A CD19**
[72] PULE, MARTIN, GB
[72] MEKKAOUI, LEILA, GB
[72] AMROLIA, PERSIS, GB
[72] GHORASHIAN, SARA, GB
[72] KRAMER, ANNE, GB
[72] CHEUNG, GORDON, GB
[71] UCL BUSINESS PLC, GB
[85] 2017-08-31
[86] 2016-03-04 (PCT/GB2016/050574)
[87] (WO2016/139487)
[30] GB (1503742.7) 2015-03-05

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[51] **Int.Cl. G06F 19/18 (2011.01) G06F 19/10 (2011.01) G06F 19/20 (2011.01) C12M 1/34 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS FOR ASSESSING THE RISK OF DISEASE OCCURRENCE OR RECURRENCE USING EXPRESSION LEVEL AND SEQUENCE VARIANT INFORMATION**
[54] **PROCEDES POUR EVALUER LE RISQUE DE SURVENUE OU DE RECIDIVE D'UNE MALADIE A L'AIDE D'INFORMATIONS RELATIVES AU NIVEAU D'EXPRESSION ET A DES VARIANTS DE SEQUENCES**
[72] KENNEDY, GIULIA C., US
[72] PAGAN, MORAIMA, US
[72] LIN, CHU-FANG, US
[72] HUANG, JING, US
[72] WALSH, P. SEAN, US
[72] MATSUZAKI, HAJIME, US
[72] TRAVERS, KEVIN, US
[72] KIM, SU YEON, US
[71] VERACYTE, INC., US
[85] 2017-08-31
[86] 2016-03-03 (PCT/US2016/020583)
[87] (WO2016/141127)
[30] US (62/128,463) 2015-03-04
[30] US (62/128,469) 2015-03-04
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[13] A1
[51] **Int.Cl. A61K 45/06 (2006.01) C12N 15/113 (2010.01) A61P 35/00 (2006.01) C07H 21/02 (2006.01) A61K 31/00 (2006.01) A61K 31/7088 (2006.01) A61K 38/00 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **BETA-CATENIN INHIBITORS IN CANCER IMMUNOTHERAPY**
[54] **INHIBITEURS DE BETA-CATENINE DANS L'IMMUNOTHERAPIE DU CANCER**
[72] GAJEWSKI, THOMAS, US
[72] SPRANGER, STEFANI, US
[71] THE UNIVERSITY OF CHICAGO, US
[85] 2017-08-31
[86] 2016-03-04 (PCT/US2016/020944)
[87] (WO2016/141312)
[30] US (62/128,285) 2015-03-04

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[13] A1
[51] **Int.Cl. C07K 16/22 (2006.01) C07K 16/00 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **SCFV-FC DIMERS THAT BIND TRANSFORMING GROWTH FACTOR-.BETA.1 WITH HIGH AFFINITY, AVIDITY AND SPECIFICITY**
[54] **DIMERES SCFV-FC QUI SE LIENT AU FACTEUR DE CROISSANCE TRANSFORMANT .BETA.1 AVEC UNE AFFINITE, UNE AVIDITE ET UNE SPECIFICITE ELEVEES**
[72] QIU, HUAWEI, US
[72] PAN, CLARK, US
[72] BIRD, JULIE, US
[71] GENZYME CORPORATION, US
[85] 2017-08-31
[86] 2016-03-03 (PCT/US2016/020779)
[87] (WO2016/141244)
[30] US (62/128,133) 2015-03-04

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[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] FR
[54] **DEVICE FOR SUPPLYING PRESSURISED FLUID AND CORRESPONDING FLUID TRANSFER MEMBER**
[54] **DISPOSITIF DE FOURNITURE DE FLUIDE SOUS PRESSION ET ORGANE DE TRANSFERT DE FLUIDE CORRESPONDANT**
[72] FRENAL, ANTOINE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2017-08-31
[86] 2016-03-02 (PCT/FR2016/050466)
[87] (WO2016/139418)
[30] FR (1551812) 2015-03-04

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[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] FR
[54] **VALVE, RECEPTACLE AND METHOD FOR FILLING, EXTRACTING AND EVACUATING**
[54] **ROBINET, RECIPIENT ET PROCEDES DE REMPLISSAGE, DE SOUTIRAGE ET DE MISE SOUS VIDE**
[72] FRENAL, ANTOINE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2017-08-31
[86] 2016-02-24 (PCT/FR2016/050426)
[87] (WO2016/139404)
[30] FR (1551811) 2015-03-04

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[13] A1
[51] **Int.Cl. D21G 9/00 (2006.01) D21F 1/32 (2006.01) D21F 3/02 (2006.01) D21F 3/08 (2006.01) D21G 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING AN OSCILLATING COMPONENT**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'UN COMPOSANT OSCILLANT**
[72] FIGIEL, KERRY D., US
[71] INTERNATIONAL PAPER COMPANY, US
[85] 2017-08-31
[86] 2016-06-07 (PCT/US2016/036168)
[87] (WO2016/200780)
[30] US (14/736,010) 2015-06-10

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[13] A1
[51] **Int.Cl. D21G 9/00 (2006.01) D21H 23/56 (2006.01) D21H 23/78 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING AN APPLICATOR ROD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'UNE TIGE D'APPLICATION**
[72] FIGIEL, KERRY D., US
[71] INTERNATIONAL PAPER COMPANY, US
[85] 2017-08-31
[86] 2016-06-07 (PCT/US2016/036206)
[87] (WO2016/200805)
[30] US (14/736,060) 2015-06-10

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[13] A1
[51] **Int.Cl. B32B 3/28 (2006.01) B32B 7/12 (2006.01) B32B 37/12 (2006.01) B32B 38/06 (2006.01)**
[25] EN
[54] **COMPOSITE FILM**
[54] **FEUILLE MULTICOUCHE**
[72] NEKULA, LAMBERT, AT
[72] KORNFELD, MARTIN, AT
[72] SCHEDL, ADOLF, AT
[72] GRUBER, HARALD, AT
[71] CONSTANTIA TEICH GMBH, AT
[85] 2017-09-01
[86] 2015-08-24 (PCT/EP2015/069365)
[87] (WO2016/138967)
[30] EP (15157605.5) 2015-03-04

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[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) A61K 39/395 (2006.01) A61P 37/00 (2006.01) C12N 15/13 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **POLYMERIC FC PROTEINS AND METHODS OF SCREENING TO ALTER THEIR FUNCTIONAL CHARACTERISTICS**
[54] **PROTEINES FC POLYMERES ET PROCEDES DE CRIBLAGE POUR MODIFIER LEURS CARACTERISTIQUES FONCTIONNELLES**
[72] HUMPHREYS, DAVID PAUL, GB
[72] PETERS, SHIRLEY JANE, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2017-09-01
[86] 2016-03-04 (PCT/EP2016/054718)
[87] (WO2016/139365)
[30] GB (1503778.1) 2015-03-05
[30] GB (1515746.4) 2015-09-04

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[13] A1
[51] **Int.Cl. C09D 5/16 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **PAINT SYSTEM CONTAINING ANTI-FOULING METAL OXIDE AND FUMED SILICA**
[54] **SYSTEME DE VERNIS CONTENANT UN OXYDE METALLIQUE ANTISALISSURES ET DE LA SILICE PYROGENEE**
[72] DURR, GEORG, DE
[72] KERN, MAGDALENA, DE
[72] MERTSCH, RUDIGER, DE
[72] MEYER, JURGEN, DE
[72] MICHAEL, GUNTHER, DE
[72] TSCHERNJAEW, JURI, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-09-01
[86] 2016-03-10 (PCT/EP2016/055180)
[87] (WO2016/146484)
[30] DE (10 2015 204 896.9) 2015-03-18

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[13] A1
[51] **Int.Cl. A01N 43/40 (2006.01) A01N 61/00 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **FUNGICIDALLY ACTIVE COMPOUND COMBINATIONS**
[54] **COMBINAISONS DE COMPOSES A ACTIVITE FONGICIDE**
[72] DUBOST, CHRISTOPHE, FR
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] MAECHLING, SIMON, FR
[72] MEISSNER, RUTH, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2017-09-01
[86] 2016-03-01 (PCT/EP2016/054283)
[87] (WO2016/139189)
[30] EP (15157802.8) 2015-03-05

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[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] FR
[54] **DEVICE FOR SUPPLYING PRESSURISED FLUID**
[54] **DISPOSITIF DE FOURNITURE DE FLUIDE SOUS PRESSION**
[72] FRENAL, ANTOINE, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2017-08-31
[86] 2016-02-24 (PCT/FR2016/050428)
[87] (WO2016/139405)
[30] FR (1551813) 2015-03-04

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[54] **SYSTEME DE TRANSMISSION DE COMMANDES ET D'UN FLUX VIDEO ENTRE UN ENGIN TELE-PILOTE TEL QU'UN DRONE ET UNE STATION AU SOL**
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[54] **USE OF A POROUS CAPILLARY MEMBRANE FOR DETERMINING THE AMOUNT OF ROLLING CIRCLE AMPLIFICATION PRODUCTS**
[54] **UTILISATION D'UNE MEMBRANE CAPILLAIRE POREUSE POUR DETERMINER LA QUANTITE DE PRODUITS D'AMPLIFICATION PAR CERCLE ROULANT**
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[72] PERSSON, FREDRIK, SE
[72] HOWELL, MATHIAS, SE
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[54] **FLUIDES DE FOND DE PUITS ET LEURS PROCEDES D'UTILISATION**
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[72] PANG, XUEYU, US
[72] DEVILLE, JAY P., US
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[54] **COMPOSITES THERMOPLASTIQUES COMPRENANT DES POLYMERES GREFFES A BASE DE POLYETHYLENE OXYDE (PEO) HYDROSOLUBLES UTILES POUR UNE FABRICATION ADDITIVE TRIDIMENSIONNELLE**
[72] STOLYAROV, DANIEL, US
[72] POMESTCHENKO, IRINA, US
[71] GRAPHENE 3D LAB INC., US
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[72] RENNA, CARLO, FR
[72] GIMENEZ, MICHEL, FR
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[72] TSIAVA, REMI, FR
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[54] **DISPOSITIF DE PULVERISATION ELECTROSTATIQUE**
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[54] **ADAPTATEUR DE FERMETURE D'EMBALLAGE**
[72] BUGENSKE, STEVEN JAMES, US
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[72] SINCHOK, JOHN, US
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[54] **FLAT-BOTTOM STAND-UP BAG, VERTICAL FORM, FILL, AND SEAL SYSTEM AND METHODOLOGY FOR UTILIZING THE SAME**
[54] **SYSTEME DE FORMATION VERTICALE, DE REMPLISSAGE ET DE SCELLEMENT DE SAC AUTONOME A FOND PLAT ET METHODOLOGIE POUR L'UTILISER**
[72] MICHELS, JOHN JOSEPH, US
[71] KELLOGG COMPANY, US
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[54] **PRODUITS D'ALLIAGE D'ALUMINUM ET PROCEDES DE FABRICATION**
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[72] KARABIN, LYNETTE M., US
[72] YANAR, CAGATAY, US
[72] HEARD, DAVID W., US
[72] SATOH, GEN, US
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[54] **FORMULATION DE PRODUIT CHIMIQUE DE CONSTRUCTION**
[72] WILDE, MARKUS, DE
[72] SCHILLER, SVEN, DE
[72] GRETZ, MARKUS, DE
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[54] **METAL STRIP, BIPOLAR PLATE AND ASSOCIATED MANUFACTURING METHOD**
[54] **BANDE METALLIQUE, PLAQUE BIPOLAIRE ET PROCEDE DE FABRICATION ASSOCIE**
[72] GIRARDON, PAULINE, FR
[72] TAHON, SEBASTIEN, FR
[72] DAMASSE, JEAN-MICHEL, FR
[72] BERGER, MARIE-HELENE, FR
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[54] **PLANT AND METHOD FOR DRYING AND SOLID STATE POLYCONDENSING OF POLYMERIC MATERIAL**
[54] **INSTALLATION ET PROCEDE POUR LE SECHAGE ET LA POLYCONDENSATION A L'ETAT SOLIDE DE MATERIAU POLYMERE**
[72] POLATO, ANTONIO, IT
[71] OFFICINE DI CARTIGLIANO SPA, IT
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[54] **PROCEDE DE REGENERATION DE CHARBON ACTIVE ET PROCEDE DE RECUPERATION D'OR**
[72] HATANO, KAZUHIRO, JP
[72] YOSHIMURA, AKIRA, JP
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[54] **MECANISME DE BLOCAGE D'UNE VALVE A PROFIL BAS ET ENSEMBLE DE COMMISSURE**
[72] BACKUS, ANDREW J.H., US
[72] INO, TAKASHI H., US
[72] CRISOSTOMO, CRISSLY V., US
[72] CALOMENI, MICHAEL P., US
[72] PHAM, ANH THU, US
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[54] **COMPOSITIONS DE REVETEMENT THERMODURCI POUR PARTICULES DE SABLE DANS DES OPERATIONS SOUTERRAINES**
[72] SHROFF RAMA, MALLIKARJUNA, IN
[72] SALLA, RAJENDER, IN
[72] RAYSONI, NEELAM DEEPAK, IN
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[54] **SYSTEME ET PROCEDE POUR AFFICHER UN CONTENU DEPENDANT DE L'EMPLACEMENT**
[72] THOMPSON, DAVID STEVEN, US
[72] DIETZ, PAUL HENRY, US
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[54] **BROADCAST SIGNAL FRAME GENERATING APPARATUS AND BROADCAST SIGNAL FRAME GENERATING METHOD USING BOOTSTRAP AND PREAMBLE**
[54] **APPAREIL DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION ET PROCEDE DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION FAISANT APPEL A UNE AMORCE ET UN PREAMBULE**
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[72] KWON, SUN-HYOUNG, KR
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[54] **PROCEDE D'ELIMINATION DE FRACTIONS FONCTIONNELLES FAIBLEMENT LIEES DE CONJUGUES DE CIBLAGE DE CELLULE**
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[72] SIJBRANDI, NIELS JURRIAAN, NL
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[54] **PROCEDE ET APPAREIL PERMETTANT DE FOURNIR UN RAYONNEMENT AMPLIFIE**
[72] AHMADI, PEYMAN, US
[71] NUFERN, US
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[54] **RACCORDEMENT POUR RESERVOIR DE STOCKAGE DE GAZ REFRIGERE**
[72] BLANCHARD, JOHN M., US
[72] BUTTS, MARK, US
[71] CHICAGO BRIDGE & IRON COMPANY, US
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[54] **PASTILLES EN DIAMANT POLYCRISTALLIN, PROCEDES ET APPLICATIONS ASSOCIES**
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[72] MUKHOPADHYAY, DEBKUMAR, US
[72] KNUTESON, CODY WILLIAM, US
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[54] **IMPROVEMENTS IN AND RELATING TO PACKAGING**
[54] **AMELIORATIONS APPORTEES A UN EMBALLAGE ET RELATIVES A CELUI-CI**
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[72] DAMISETTY, NAVEEN, US
[72] MEHENDALE, SAMEER, US
[72] SAGY, ARTHUR A, US
[72] KIM, GRACE JIYOUNG, US
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[54] **CANETTES METALLIQUES SANS ANNEAU ET PROCEDE**
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[72] OSBORN, STEPHEN JOHN, GB
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[71] CROWN PACKAGING TECHNOLOGY, INC., US
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[54] **TRAITEMENT BIOLOGIQUE DE MINERAI POUR L'ISOLEMENT DE METAUX LOURDS**
[72] GOS, STEPHEN, DE
[72] CHRISTIANSEN, ANDREA, DE
[72] LU, XIN, DE
[72] MEURER, GUIDO, DE
[72] TIFFERT, YVONNE, DE
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[54] **CARBONATE DE CALCIUM FACILE A DISPERSER AFIN D'AMELIORER LA RESISTANCE DE TENUE A CHAUD DES SOUDURES**
[72] KNERR, MICHAEL, CH
[72] OHR, STEFFEN, CH
[72] MURATORE, ANTONIO, IT
[72] FORNERA, TAZIO, CH
[72] LABELLA CASTILHO, FABRICIO, CH
[72] BLANCHARD, PIERRE, FR
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[25] EN
[54] **SCINTILLATOR COMPOSITION, RADIATION DETECTION APPARATUS AND RELATED METHOD**
[54] **COMPOSITION DE SCINTILLATEUR, APPAREIL DE DETECTION D'UN RAYONNEMENT ET PROCEDE ASSOCIE**
[72] RAMACHANDRA, SRINIDHI, IN
[72] SRIVASTAVA, ALOK MANI, US
[72] RAMACHANDRAN, GOPI CHANDRAN, IN
[72] NAMMALWAR, PRASANTH KUMAR, IN
[72] CLIMENT, HELENE CLAIRE, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ESTIMATION EFFICIENTE DE CANAUX A L'AIDE DE SUITES DE GOLAY**
[72] SANDEROVICH, AMICHAI, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-09-06
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[54] **POLYMERIC METFORMIN AND ITS USE AS A THERAPEUTIC AGENT AND AS A DELIVERY VEHICLE**
[54] **METFORMINE POLYMERE ET SON UTILISATION COMME AGENT THERAPEUTIQUE ET COMME VEHICULE D'ADMINISTRATION**
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[72] ZHAO, YI, US
[72] GUO, SHUTAO, US
[72] SHI, KAI, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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[54] **COALESCEUR DESTINE A DES CONTACTEURS A CO-COURANT**
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[72] NORTHROP, P. SCOTT, US
[72] CULLINANE, J. TIM, US
[72] GRAVE, EDWARD J., US
[72] YEH, NORMAN K., US
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[54] **FONCTIONNEMENT AUTOMATISE D'EQUIPEMENT DE SITE DE FORAGE**
[72] LOPEZ, MIGUEL ANGEL, US
[72] KAJITA, MARCOS SUGURU, US
[72] MU, NAN, SG
[72] NGUYEN, CHUONG, US
[72] RAY, COREY, US
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[54] **CRYSTALLINE THERMOPLASTIC POLYURETHANE COMPOSITION FOR HOT-MELT ADHESIVES**
[54] **COMPOSITION DE POLYURETHANE THERMOPLASTIQUE CRISTALLIN POUR COLLES THERMOFUSIBLES**
[72] GALISTEO ALMIRON, BARBARA M., ES
[72] SALVATELLA RADRESA, DANIEL, ES
[72] SERNA, JESUS SANTAMARIA, ES
[72] LOWENBERG, GONZALO, ES
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[54] **DISPOSITIF DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION ET PROCEDE DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION UTILISANT UN AMORCAGE INCLUANT UN SYMBOLE POUR SIGNALER CONJOINTEMENT UN MODE BICM D'UN PREAMBULE ET UN PARAMETRE OFDM**
[72] PARK, SUNG-IK, KR
[72] LEE, JAE-YOUNG, KR
[72] KWON, SUN-HYOUNG, KR
[72] KIM, HEUNG-MOOK, KR
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[54] **SPRAY DRIED CATALYST COMPOSITIONS, METHODS FOR PREPARATION AND USE IN OLEFIN POLYMERIZATION PROCESSES**
[54] **COMPOSITIONS DE CATALYSEUR SECHEES PAR PULVERISATION, PROCEDES DE PREPARATION ET D'UTILISATION DANS DES PROCEDES DE POLYMERISATION D'OLEFINES**
[72] PANNELL, RICHARD B., US
[72] AWE, MICHAEL D., US
[71] UNIVATION TECHNOLOGIES, LLC, US
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[54] **METHOD OF PUMPING AQUEOUS FLUID CONTAINING SURFACE MODIFYING TREATMENT AGENT INTO A WELL**
[54] **PROCEDE DE POMPAGE D'UN AGENT DE TRAITEMENT DE MODIFICATION DE SURFACE CONTENANT UN FLUIDE AQUEUX DANS UN PUITS**
[72] MONROE, TERRY D., US
[72] BHADURI, SUMIT, US
[72] QU, QI, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **DECOUVERTE LTE-D INTERFREQUENTIELLE**
[72] TAVILDAR, SAURABHA RANGRAO, US
[72] BAGHEL, SUDHIR KUMAR, US
[72] GULATI, KAPIL, US
[72] PATIL, SHAILESH, US
[72] GAAL, PETER, US
[71] QUALCOMM INCORPORATED, US
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[54] **SYSTEM AND METHOD FOR BIOSENSOR-TRIGGERED MULTIMEDIA COLLABORATION**
[54] **SYSTEME ET PROCEDE DE COLLABORATION MULTIMEDIA DECLENCHEE PAR DES BIOCAPTEURS**
[72] MAZZARELLA, JOSEPH R., US
[72] WENGROVITZ, MICHAEL S., US
[71] MUTUALINK, INC., US
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[54] **PROCEDE ET APPAREIL D'OBTENTION DE CODES DE SERVICES DE PROXIMITE STRUCTURES POUR DECOUVERTE LIMITEE**
[72] ESCOTT, ADRIAN EDWARD, US
[72] VANDERVEEN, MICHAELA, US
[71] QUALCOMM INCORPORATED, US
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[54] **DISPONIBILITE DE SOUS-TRAME DEPENDANTE D'UNE BANDE ETROITE POUR UNE COMMUNICATION DE TYPE MACHINE (MTC)**
[72] CHEN, WANSHI, US
[72] XU, HAO, US
[72] VAJAPEYAM, MADHAVAN SRINIVASAN, US
[71] QUALCOMM INCORPORATED, US
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[54] **STRUCTURES ACOUSTIQUES AVEC PLUSIEURS DEGRES DE LIBERTE**
[72] ICHIHASHI, FUMITAKA, US
[71] HEXCEL CORPORATION, US
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[54] **PROCEDES D'ELIMINATION DE POUDRE D'EPAULEMENT DE TREPANS DE COUPE FIXES**
[72] THOMAS, JEFF G., US
[72] OLSEN, GARRETT T., US
[72] COOK III, GRANT O., US
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] PAN, YI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **POLYURETHANES SILYLES, LEUR PREPARATION ET LEUR UTILISATION**
[72] BATZGEN, RALF, DE
[72] DAMKE, JAN-ERIK, DE
[72] BRIERS, DAVID, BE
[72] KLEIN, JOHANN, DE
[71] HENKEL AG & CO. KGAA, DE
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[54] **FORMULATIONS DE PARTICULES LIPIDIQUES POUR LA DELIVRANCE A UNE CELLULE CIBLE D'ARN ET DE COMPOSES HYDROSOLUBLES THERAPEUTIQUEMENT EFFICACES**
[72] HEFESHA, HOSSAM, DE
[72] SAHIN, UGUR, DE
[72] HAAS, HEINRICH, DE
[72] KREITER, SEBASTIAN, DE
[72] HUSEMANN, YVES, DE
[72] DIKEN, MUSTAFA, DE
[72] REUTER, KERSTIN, DE
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[72] HENTZE, HANS PETER, DK
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
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[54] **FORMAGE DE COMPOSANTS DE BATTERIE**
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[71] TBS ENGINEERING LIMITED, GB
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[54] **INSTRUMENTS D'ECLAIRAGE DE BORD**
[72] KERN, THOMAS, CH
[71] NOVARTIS AG, CH
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[54] **SYSTEM AND METHOD FOR CONTROLLING MANUFACTURING OF AN ITEM**
[54] **SYSTEME ET PROCEDE POUR COMMANDER LA FABRICATION D'UN ARTICLE**
[72] NELSON, LEE-BATH, IL
[72] MOLCHO, MOSHE, IL
[71] MAKE IT LEO LTD., IL
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[54] **METHODS OF TREATING SUBTERRANEAN FORMATIONS INCLUDING SEQUENTIAL USE OF AT LEAST TWO SURFACTANTS**
[54] **PROCEDES DE TRAITEMENT DE FORMATIONS SOUTERRAINES FAISANT APPEL A UNE UTILISATION SEQUENTIELLE D'AU MOINS DEUX TENSIOACTIFS**
[72] ALWATTARI, ALI, US
[72] LIANG, XU, US
[72] HOLTSCLAW, JEREMY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **LENTILLES INTRAOCULAIRES SUPERPOSEES DE FRESNEL QUI AMELIORENT LA VISION GLOBALE OU UNE PERTE LOCALE DE LA FONCTION RETINIENNE EST RENCONTREEE**
[72] ROSEN, ROBERT, NL
[72] WEEBER, HENDRIK A., NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] VAN DER MOOREN, MARRIE, NL
[72] SELLITRI, DORA, NL
[72] PIERS, PATRICIA ANN, NL
[71] AMO GRONINGEN B.V., NL
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[54] **PROCESSES AND SYSTEMS FOR THE PULPING OF LIGNOCELLULOSIC MATERIALS**
[54] **PROCEDES ET SYSTEMES POUR LA REDUCTION EN PATE DE MATIERES LIGNOCELLULOSIQUES**
[72] LUUKKONEN, ANTTI, US
[72] RADHUBER, CHRISTIAN, AT
[71] ANDRITZ INC., US
[85] 2017-09-07
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[54] **TOPICAL COMPOSITIONS COMPRISING A CORTICOSTEROID**
[54] **COMPOSITIONS TOPIQUES COMPRENANT UN CORTICOSTEROIDE**
[72] KANDAVILLI, SATEESH, IN
[72] BOMMAGANI, MADHUSUDHAN, IN
[72] NALAMOTHU, VIJENDRA, US
[72] OKUMU, FRANKLIN, US
[72] CHARI, AMALAVOYAL RAGHAV, US
[71] PROMIUS PHARMA, LLC, US
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[25] EN
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[54] **APPAREIL DE REPARATION DE TUYAUX ET DE STRUCTURES EN POLYOLEFINE**
[72] SOUZA, JAMES M., US
[72] CERCONE, LAWRENCE, US
[71] MILLIKEN INFRASTRUCTURE SOLUTIONS, LLC, US
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[54] **PIGMENT DISPERSION**
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[72] WALLACE, DAVID R., US
[72] KILLILEA, T. HOWARD, US
[72] KORENKIEWICZ, STEPHEN M., US
[72] MELNYK, THOMAS J., US
[72] HARTINGER, DANNY G., US
[72] NESS, JASON S., US
[72] DONLON, JACOB, US
[72] COWARD, MARK R., US
[71] VALSPAR SOURCING, INC., US
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[54] **DEVICES AND METHODS FOR LANDFILL GAS WELL MONITORING AND CONTROL**
[54] **DISPOSITIFS ET PROCEDES DE SURVEILLANCE ET DE COMMANDE DE PUITS DE GAZ D'ENFOUISSEMENT**
[72] FISCHER, DAVID A., US
[72] MIODUSZEWSKI, DAVID, US
[71] Q.E.D. ENVIRONMENTAL SYSTEMS, INC., US
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[25] FR
[54] **METAL STRIP OR SHEET HAVING A CHROMIUM-NITRIDE COATING, BIPOLAR PLATE AND ASSOCIATED MANUFACTURING METHOD**
[54] **BANDE OU FEUILLE METALLIQUE PRESENTANT UN REVETEMENT A BASE DE NITRURE DE CHROME, PLAQUE BIPOLAIRE ET PROCEDE DE FABRICATION ASSOCIE**
[72] GIRARDON, PAULINE, FR
[72] TAHON, SEBASTIEN, FR
[72] DAMASSE, JEAN-MICHEL, FR
[72] BERGER, MARIE-HELENE, FR
[72] CORNIL, HUGHES, BE
[72] HENROTTE, OLIVIER, BE
[72] PIMARD, ALAIN, FR
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[54] **SEMI-FINISHED PRODUCT AND USE THEREOF**
[54] **DEMI-PRODUIT ET SON UTILISATION**
[72] BODE, LARS, DE
[72] SUENKEL, RALF, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[71] THYSSENKRUPP AG, DE
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[54] **DISPERSIONS AQUEUSES DE POLYURETHANE**
[72] ZHAO, LIGANG, DE
[72] BERGS, CHRISTINA, ES
[72] SAUCA, SORIN N., RO
[72] VERA SAZ, FRANCISCO, ES
[72] KOC, ECE, ES
[71] HENKEL AG & CO. KGAA, DE
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[72] KOSTYRA, SEBASTIAN, DE
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[54] **PROCEDE DE FABRICATION DE POLYURETHANES COMPACTS A STABILITE HYDROLYTIQUE AMELIOREE**
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[54] **COMPOSITION MOUSSANTE A PLUSIEURS CONSTITUANTS FORMANT UNE COUCHE D'ISOLATION ET SON UTILISATION**
[72] MARAUSKA, JULIANE, DE
[72] PAETOW, MARIO, DE
[72] JEROMENOK, JEKATERINA, DE
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[54] **PROCEDE DE PRODUCTION DE METAL**
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[71] METALYSIS LIMITED, GB
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[72] PRITCHARD, MARTYN, GB
[72] RICHARDSON, PETER, GB
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[72] KONUKOGLU, HAKAN, TR
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[54] **SYSTEME ET PROCEDE DE LAVAGE A CONTRE-COURANT DE LIT DE FILTRATION AVEC DU GAZ RECYCLE**
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[54] **FABRICATION DE FIBRES DE CARBONE A MODULE INTERMEDIAIRE**
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[72] TAYLOR, THOMAS, US
[72] DESHPANDE, GIRISH VISHNUKANT, US
[72] TANG, LONGGUI, US
[72] MEECE, BARRY DEWAYNE, US
[72] CRAWFORD, SUZANNE, US
[72] CHIU, SHAO C., US
[72] HARMON, BILLY D., US
[72] THOMAS, ALAN, US
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[54] **EMBOUT DE BUSE ET PROCEDE DE DISTRIBUTION SUR LE BORD D'UN PANNEAU**
[72] DOMENIGHI, ALVARO S., US
[72] GUSTAFSON, KIM L., US
[72] ZIMMERMAN, PATRICK G., US
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[54] **COMPOSITIONS PESTICIDES ET PROCEDES ASSOCIES**
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[72] GOMEZ, LUIS E., US
[72] LIU, LEI, US
[72] RUSHTON, MARY, US
[72] WAID, CHRISTOPHER, US
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[54] **PROCEDES DE FIXATION DE MEMBRANE IV**
[72] STALEY, SHAUN, US
[72] HORTIN, JUSTIN G., US
[72] STODDARD, BRENT R., US
[72] RIVKOWICH, JASON, US
[72] TRAINER, LAWRENCE J., US
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[54] **SYSTEME FILTRANT**
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[72] ORGEL-ZECHNER, RENE, AT
[71] GRUBER, EGON, AT
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[54] **GLUTAMATE OXALOACETATE TRANSAMINASE 1 (GOT1), PREPARATIONS AND METHODS OF GENERATING SAME AND USES THEREOF**
[54] **GLUTAMATE OXALOACETATE TRANSAMINASE 1 (GOT1), PREPARATIONS, PROCEDES DE GENERATION DES PREPARATIONS ET UTILISATIONS DES PREPARATIONS**
[72] MIRELMAN, DAVID, IL
[72] RABINKOV, AHARON, IL
[72] RUBAN, ANGELA, IL
[72] JONA, GHIL, IL
[72] HAZUM, ELI, IL
[72] BUMELIS, VLADAS, IL
[72] MAKAUSKAS, NERIJUS, IL
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[72] TILLEY, SIMON NICHOLAS, GB
[72] SWINNEY, JOHN, GB
[72] WATSON, DAVID J., GB
[71] JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED, GB
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[54] **SYSTEME DE DISTRIBUTION D'AGENT DE SOUTENEMENT DOUBLE A COMMUTATION RAPIDE**
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[72] HUNTER, TIMOTHY H., US
[72] STEGEMOELLER, CALVIN L., US
[72] LEWIS, BRYAN JOHN, US
[72] SCHAFFNER, AUSTIN CARL, US
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[54] **EVENTS REDONDANTS AVEC CORPS DE VANNE UNITAIRES POUR SYSTEMES DE GICLEUR D'INCENDIE A EAU**
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[72] HILTON, ADAM H., US
[71] ENGINEERED CORROSION SOLUTIONS, LLC, US
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[72] YEAGER, JEFFREY N., US
[72] MINES, ANGELA, US
[72] CRABTREE, PAUL CHARLES, US
[71] SMITH & NEPHEW, INC., US
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[54] **MACHINE DE FABRICATION DE SACS**
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[71] TOTANI CORPORATION, JP
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[25] EN
[54] **FLUID SEPARATION APPARATUS COMPRISING FLUID SEPARATION MEMBRANE, AND FLUID SEPARATION MEMBRANE MODULE**
[54] **APPAREIL DE SEPARATION DE FLUIDE COMPRENANT UNE MEMBRANE DE SEPARATION DE FLUIDE, ET MODULE DE MEMBRANE DE SEPARATION DE FLUIDE**
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[72] SHIN, KY YEONG, KR
[71] ARSTROMA CO., LTD., KR
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[72] KRAUSE, JOHANNES, DE
[71] WAVELIGHT GMBH, DE
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[54] **SYSTEME D'ECLAIRAGE POUVANT ETRE FIXE**
[72] GRIFFITHS, BRYN, CN
[72] DUNCAN, JON, GB
[71] BENMORE VENTURES LIMITED, VG
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[54] **AN ARRAY OF INTER-CONNECTED PALLETIZED PRODUCTS**
[54] **GROUPEMENT DE PRODUITS PALLETTISES INTERCONNECTES**
[72] DAPPER, STEVEN DAN, US
[72] MELLIN, GUSTAV ANDRE, US
[72] TROKHAN, PAUL DENNIS, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **AN OPTIMIZED ARRAY OF INTER-CONNECTED PALLETIZED PRODUCTS**
[54] **RESEAU OPTIMISE DE PRODUITS PALETTISES INTER-CONNECTES**
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[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHODS AND APPARATUSES FOR INJECTION MOLDING WALLED STRUCTURES**
[54] **PROCEDES ET APPAREILS POUR MOULER PAR INJECTION DES STRUCTURES A PAROI**
[72] GIRAUD, JEAN-PIERRE, US
[72] PICHOT, HERVE, FR
[72] RABINNE, BRUCE, FR
[72] SOL, BERNARD, FR
[71] SIO2 MEDICAL PRODUCTS, INC., US
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[54] **RECIPIENT AUTO-CHAUFFANT REGULE THERMIQUEMENT**
[72] COFFEY, BRENDAN, US
[72] KWIATKOWSKI, KRZYSZTOF C., US
[72] FORD, BRENT C., US
[71] HEATGENIE, INC., US
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[54] **DISPOSITIF DE CONVOYAGE PAR CHARIOT AUTONOME**
[72] HUTTER, PATRICK, FR
[72] WAELDIN, JEAN-CLAUDE, FR
[71] GEBO PACKAGING SOLUTIONS FRANCE, FR
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[25] EN
[54] **WRAPPER FOR CONFECTIONARY PRODUCTS**
[54] **EMBALLAGE POUR PRODUITS DE CONFISERIE**
[72] TERRASI, GIUSEPPE, IT
[71] SOREMARTEC S.A., LU
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[54] **SYSTEMES DE DISTRIBUTION POUR RECIPIENTS**
[72] CROSBY, BRYAN JUSTIN ROBERT, US
[71] GBS HOLDINGS LLC, US
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[71] SAF-HOLLAND GMBH, DE
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[87] (WO2016/156169)
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[54] **DEVICE FOR BRAKING LINES OF TYING TWINE**
[54] **DISPOSITIF DE FREINAGE DE LIGNES DE FICELLE DE LIAISON**
[72] FRASCELLA, COSIMO, IT
[72] CASADEI, VALERIO, IT
[71] KVERNELAND GROUP RAVENNA S.R.L., IT
[85] 2017-09-27
[86] 2016-03-25 (PCT/EP2016/056706)
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[51] **Int.Cl. G01S 13/44 (2006.01) F42B 15/01 (2006.01) G01S 7/292 (2006.01)**
[25] EN
[54] **IMPROVEMENTS RELATING TO MONOPULSE RADAR APPARATUS**
[54] **AMELIORATIONS APPORTEES A UN APPAREIL RADAR MONO-IMPULSION**
[72] SHERET, TAMARA LOUISE, GB
[71] MBDA UK LIMITED, GB
[85] 2017-09-27
[86] 2016-03-31 (PCT/GB2016/050901)
[87] (WO2016/156847)
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[51] **Int.Cl. G06Q 10/06 (2012.01) B64F 5/40 (2017.01)**
[25] EN
[54] **COMBINED AIRCRAFT MAINTENANCE ROUTING AND MAINTENANCE TASK SCHEDULING**
[54] **COMBINAISON DE LA CREATION D'ITINERAIRES DE MAINTENANCE ET DE LA PLANIFICATION D'OPERATIONS DE MAINTENANCE POUR DES AERONEFS**
[72] SAFAEI, NIMA, CA
[71] BOMBARDIER INC., CA
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[30] US (62/142,116) 2015-04-02

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[51] **Int.Cl. A47J 37/12 (2006.01) A47J 27/08 (2006.01) A47J 36/10 (2006.01)**
[25] EN
[54] **COMBINATION PRESSURE AND OPEN FRYING APPARATUS**
[54] **PRESSION COMBINEE ET APPAREIL DE FRITURE OUVERT**
[72] EROS, KIMBERLY, US
[72] CARTWRIGHT, RICHARD W., US
[72] LONG, STEVEN J., US
[71] HENNY PENNY CORPORATION, US
[85] 2017-09-26
[86] 2016-03-28 (PCT/US2016/024530)
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[30] US (62/139,537) 2015-03-27

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[51] **Int.Cl. A61B 3/12 (2006.01) A61B 5/0484 (2006.01) A61B 5/0496 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR NON-INVASIVE RECORDING OF THE ERG AND VEP RESPONSE OF AN EYE**
[54] **DISPOSITIF ET PROCEDE D'ENREGISTREMENT NON EFFRACTIF DE L'ERG ET DE LA REPONSE A UN PEV D'UN ŒIL**
[72] BAGLINI, CLAUDIO, IT
[71] COSTRUZIONI STRUMENTI OFTALMICI C.S.O. S.R.L., IT
[85] 2017-09-27
[86] 2016-04-06 (PCT/IB2016/051936)
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[30] IT (FI2015A000103) 2015-04-07

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[51] **Int.Cl. G06F 11/36 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **METHOD FOR CHECKING EQUIVALENCE OF CODE**
[54] **PROCEDE DE VERIFICATION D'EQUIVALENCE DE CODE**
[72] KRECKEL, RICHARD, DE
[72] KUNZEL, ANDREAS, DE
[71] AREVA NP SAS, FR
[85] 2017-09-27
[86] 2016-04-28 (PCT/EP2016/059479)
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[51] **Int.Cl. A61B 6/00 (2006.01) A61B 34/10 (2016.01) H02K 7/116 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MECHANICALLY PROVIDING POWER TO A GENERATOR ON A CONTINUOUS ROTATABLE ROTOR OF AN X-RAY SCANNER**
[54] **APPAREIL ET PROCEDE POUR FOURNIR MECANIQUEMENT DE L'ENERGIE A UN GENERATEUR SUR UN ROTOR ROTATIF CONTINU D'UN SCANNER A RAYONS X**
[72] RISHER-KELLY, CLIFFORD M., US
[71] MEDTRONIC NAVIGATION, INC., US
[85] 2017-09-27
[86] 2016-03-18 (PCT/US2016/023060)
[87] (WO2016/160371)
[30] US (14/672,391) 2015-03-30

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[13] A1
[51] **Int.Cl. G06Q 50/24 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING MERGED MEDICAL INFORMATION FOR A PATIENT**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR DES INFORMATIONS MEDICALES FUSIONNEES A UN PATIENT**
[72] RACHAPALLI, JYOTHSNA, US
[72] KHADILKAR, VAIBHAV, US
[71] HEALTH PORTAL LLC, US
[85] 2017-09-27
[86] 2016-03-24 (PCT/US2016/024035)
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[30] US (62/139,142) 2015-03-27

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[51] **Int.Cl. A41C 3/12 (2006.01) A41C 3/00 (2006.01)**
[25] EN
[54] **BRA WITH SUPPORT PORTIONS**
[54] **SOUTIEN-GORGE COMPORTANT DES PARTIES DE SUPPORT**
[72] FUNK-DANIELSON, BRENDA K., US
[72] NORDSTROM, MATTHEW D., US
[72] TEMPESTA, LAURA, US
[71] NIKE INNOVATE C.V., US
[85] 2017-08-01
[86] 2016-02-08 (PCT/US2016/016937)
[87] (WO2016/127155)
[30] US (62/112,876) 2015-02-06
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[51] **Int.Cl. F02C 7/36 (2006.01) F16H 57/023 (2012.01) B64C 27/12 (2006.01) B64D 35/00 (2006.01) F01D 25/16 (2006.01) F02C 3/10 (2006.01)**
[25] FR
[54] **TURBOSHAFT ENGINE MOUNTABLE IN A REDUCTION GEARBOX**
[54] **TURBOMOTEUR ENCASTRABLE DANS UN BOITIER REDUCTEUR**
[72] LAFARGUE, OLIVIER, FR
[72] BROTIER, SEBASTIEN, FR
[72] PUERTO, ALPHONSE, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2017-09-27
[86] 2016-04-26 (PCT/FR2016/050977)
[87] (WO2016/174341)
[30] FR (1553751) 2015-04-27

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[13] A1
[51] **Int.Cl. A01K 67/027 (2006.01)**
[25] EN
[54] **HUMANIZED SIRPA-IL15 KNOCKIN MICE AND METHODS OF USE THEREOF**
[54] **SOURIS "KNOCKIN" SIRPA-IL15 HUMANISEES ET LEURS PROCEDES D'UTILISATION**
[72] HERNDLER-BRANDSTETTER, DIETMAR, US
[72] FLAVELL, RICHARD A., US
[72] FRLETA, DAVOR, US
[72] GURER, CAGAN, US
[72] MANZ, MARKUS GABRIEL, CH
[72] MURPHY, ANDREW J., US
[72] PALM, NOAH W., US
[72] SHAN, LIANG, US
[72] STEVENS, SEAN, US
[72] STROWIG, TILL, DE
[72] YANCOPOULOS, GEORGE D., US
[72] DE ZOETE, MARCEL, NL
[71] REGENERON PHARMACEUTICALS, INC., US
[71] YALE UNIVERSITY, US
[71] INSTITUTE FOR RESEARCH IN BIOMEDICINE (IRB), CH
[85] 2017-09-27
[86] 2016-04-12 (PCT/US2016/027164)
[87] (WO2016/168212)
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[51] **Int.Cl. A61C 9/00 (2006.01) A61B 5/00 (2006.01) A61C 19/04 (2006.01)**
[25] EN
[54] **METHOD AND MEASUREMENT SYSTEM FOR OPTICALLY MEASURING AN OBJECT**
[54] **PROCEDE ET SYSTEME DE MESURE DESTINES A LA MESURE OPTIQUE D'UN OBJET**
[72] ADAMSON, ANDERS, DE
[72] THIEL, FRANK, DE
[72] WILLERS, ULF, DE
[71] SIRONA DENTAL SYSTEMS GMBH, DE
[85] 2017-09-28
[86] 2016-04-11 (PCT/EP2016/057870)
[87] (WO2016/162552)
[30] DE (10 2015 206 341.0) 2015-04-09

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[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G02B 27/01 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RECEIVING GESTURE INPUT VIA VIRTUAL CONTROL OBJECTS**
[54] **PROCEDE ET SYSTEME DE RECEPTION D'ENTREE GESTUELLE PAR LE BIAIS D'OBJETS DE COMMANDE VIRTUELS**
[72] KRAVER, ADAM, US
[72] MCGINNIS, JOEL PATRICK, US
[72] RITTENHOUSE, JOHN WARREN, US
[71] CCP HF., IS
[85] 2017-09-28
[86] 2016-01-27 (PCT/IB2016/050408)
[87] (WO2016/120804)
[30] US (14/608,047) 2015-01-28

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[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING VIRTUAL DISPLAY OF A PHYSICAL ENVIRONMENT**
[54] **PROCEDE ET SYSTEME POUR FOURNIR UN AFFICHAGE VIRTUEL D'UN ENVIRONNEMENT PHYSIQUE**
[72] KRAVER, ADAM, US
[71] CCP HF., IS
[85] 2017-09-28
[86] 2016-01-27 (PCT/IB2016/050411)
[87] (WO2016/120806)
[30] US (14/608,067) 2015-01-28

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[51] **Int.Cl. G06F 19/00 (2011.01) G02B 27/01 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IMPLEMENTING A MULTI-USER VIRTUAL ENVIRONMENT**
[54] **PROCEDE ET SYSTEME POUR METTRE EN □UVRE UN ENVIRONNEMENT VIRTUEL MULTIUTILISATEUR**
[72] KRAVER, ADAM, US
[71] CCP HF., IS
[85] 2017-09-28
[86] 2016-01-27 (PCT/IB2016/050410)
[87] (WO2016/120805)
[30] US (14/608,054) 2015-01-28

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[51] **Int.Cl. B66B 5/14 (2006.01) B66B 1/30 (2006.01) B66B 7/06 (2006.01) B66B 11/08 (2006.01)**
[25] EN
[54] **MOVING A HEAVY, OVERLOAD WITH AN ELEVATOR**
[54] **DEPLACEMENT D'UNE SURCHARGE LOURDE AVEC UN ASCENSEUR**
[72] WEIBEL, ANDRE, CH
[72] ALMADA, ENRIQUE, CH
[72] STALDER, ROBERT, CH
[71] INVENTIO AG, CH
[85] 2017-09-28
[86] 2016-05-04 (PCT/EP2016/060027)
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[30] EP (15166661.7) 2015-05-06

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[51] **Int.Cl. A61N 7/00 (2006.01) A61B 34/20 (2016.01) A61B 34/30 (2016.01) A61B 90/00 (2016.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING VALVULAR DISEASE**
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT D'UNE VALVULOPATHIE**
[72] MESSAS, EMMANUEL, FR
[72] PERNOT, MATHIEU, FR
[72] TANTER, MICKAEL, FR
[72] VILLEMAIN, OLIVIER, FR
[71] CARDIAWAVE, FR
[85] 2017-09-28
[86] 2016-04-01 (PCT/IB2016/000523)
[87] (WO2016/156989)
[30] US (62/142,096) 2015-04-02

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[13] A1
[51] **Int.Cl. F42C 21/00 (2006.01) F42C 19/06 (2006.01)**
[25] EN
[54] **METHOD FOR VALIDATING FUSE HEADS**
[54] **PROCEDE DE VALIDATION DE TETES D'AMORCAGE**
[72] MONTANO RUEDA, LUIS DIEGO, ES
[72] NIEKERK, HENDRIK VAN, ES
[72] BOTIJA GONZALEZ, JOSE MANUEL, ES
[72] ZABALO ARENA, INIGO, ES
[71] MAXAMCORP HOLDING, S.L., ES
[85] 2017-09-28
[86] 2016-03-29 (PCT/EP2016/056824)
[87] (WO2016/156333)
[30] EP (15382155.8) 2015-03-30

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[13] A1
[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION DEVICE**
[54] **DISPOSITIF DE PREPARATION DE BOISSON**
[72] VAN HATTEM, JOHANNES CORNELIS, NL
[71] BRAVILOR HOLDING B.V., NL
[85] 2017-09-28
[86] 2016-03-10 (PCT/NL2016/050173)
[87] (WO2016/159760)
[30] NL (2014557) 2015-03-31

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[13] A1
[51] **Int.Cl. F04B 39/06 (2006.01) F04C 29/04 (2006.01)**
[25] EN
[54] **COMPRESSOR SYSTEM FOR GENERATING COMPRESSED AIR, AS WELL AS METHOD FOR OPERATING A COMPRESSOR SYSTEM THAT GENERATES COMPRESSED AIR**
[54] **SYSTEME DE COMPRESSEUR POUR LA PRODUCTION D'AIR COMPRIME ET PROCEDE POUR FAIRE FONCTIONNER UN SYSTEME DE COMPRESSEUR PRODUISANT DE L'AIR COMPRIME**
[72] KLAUS, FRANK GEORG, DE
[72] TRIES, JURGEN, DE
[72] HORST, LARS, DE
[71] GARDNER DENVER DEUTSCHLAND GMBH, DE
[85] 2017-09-28
[86] 2016-03-30 (PCT/EP2016/056850)
[87] (WO2016/156350)
[30] DE (10 2015 104 914.7) 2015-03-30

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[51] **Int.Cl. B24B 41/04 (2006.01) B24B 19/26 (2006.01) B24B 27/00 (2006.01) B24B 41/047 (2006.01) B24D 13/10 (2006.01) B25H 1/00 (2006.01)**
[25] EN
[54] **SURFACE TREATMENT TOOL**
[54] **OUTIL DE TRAITEMENT DE SURFACE**
[72] HUNDEBOL, KELD OTTING, DK
[71] HH PATENT A/S, DK
[85] 2017-09-28
[86] 2016-04-18 (PCT/DK2016/000016)
[87] (WO2016/169565)
[30] DK (PA 2015 00252) 2015-04-23

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[13] A1
[51] **Int.Cl. B65B 3/00 (2006.01) A61M 5/00 (2006.01) B65B 7/28 (2006.01) B65D 77/04 (2006.01)**
[25] EN
[54] **METHOD FOR CLOSING CARTRIDGES, SUPPORTING STRUCTURE FOR SUPPORTING CARTRIDGE CLOSURES AND TRANSPORT OR PACKAGING CONTAINER**
[54] **PROCEDE DE FERMETURE DE CARTOUCHES, STRUCTURE DE SUPPORT POUR SUPPORTER DES ELEMENTS DE FERMETURE DE CARTOUCHE ET CONTENANT DE TRANSPORT OU D'EMBALLAGE**
[72] NARVEKAR, ANIL NARAYAN, IN
[72] POTDAR, PRATUL PRAKASH, IN
[71] SCHOTT KAISHA PVT. LTD., IN
[85] 2017-09-28
[86] 2016-04-18 (PCT/IN2016/000099)
[87] (WO2016/166769)
[30] IN (1590/MUM/2015) 2015-04-17
[30] IN (PCT/IN2015/000394) 2015-10-16

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[51] **Int.Cl. F42D 1/045 (2006.01) F42B 3/16 (2006.01) F42D 1/05 (2006.01) F42D 1/055 (2006.01)**
[25] EN
[54] **REMOTE FIRING SYSTEM FOR NON-ELECTRIC DETONATORS USING ELECTRONIC INITIATORS**
[54] **SYSTEME DE MISE A FEU A DISTANCE POUR DETONATEURS NON ELECTRIQUES AU MOYEN D'AMORCES-DETONATEURS ELECTRONIQUES**
[72] MONTANO RUEDA, LUIS DIEGO, ES
[72] AYENSA MURO, JOSE MARIA, ES
[71] MAXAMCORP HOLDING, S.L., ES
[85] 2017-09-28
[86] 2016-03-30 (PCT/EP2016/056882)
[87] (WO2016/156371)
[30] EP (15382157.4) 2015-03-30

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[13] A1
[51] **Int.Cl. F42B 3/182 (2006.01) F42B 3/16 (2006.01) F42D 1/055 (2006.01)**
[25] EN
[54] **PROTECTION CIRCUIT IN BLASTING SYSTEMS**
[54] **CIRCUIT DE PROTECTION DANS DES SYSTEMES D'ABATTAGE A L'EXPLOSIF**
[72] MONTANO RUEDA, LUIS DIEGO, ES
[72] AYENSA MURO, JOSE MARIA, ES
[71] MAXAMCORP HOLDING, S.L., ES
[85] 2017-09-28
[86] 2016-03-30 (PCT/EP2016/056917)
[87] (WO2016/156395)
[30] EP (15382158.2) 2015-03-30

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[51] **Int.Cl. G01F 15/00 (2006.01) G01F 1/66 (2006.01) G08B 29/04 (2006.01)**
[25] EN
[54] **A METER AND METHOD FOR DETECTON OF A METER HAVING BEEN TAMPERED WITH**
[54] **DISPOSITIF DE MESURE ET PROCEDE PERMETTANT LA DETECTON D'UN COMPTEUR AY ANT ETE MANIPULE FRAUDULEUSEMENT**
[72] DROIN, FREDERIC, FR
[72] ESTEVES, MICHEL, FR
[72] PHILIPPE, RIVORY, FR
[71] ITRON FRANCE, FR
[85] 2017-09-28
[86] 2016-03-31 (PCT/EP2016/057019)
[87] (WO2016/156464)
[30] EP (15290091.6) 2015-04-02

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[13] A1
[51] **Int.Cl. A61B 17/16 (2006.01)**
[25] EN
[54] **SURGICAL BURS WITH LOCALIZED AUXILIARY FLUTES**
[54] **FRAISES CHIRURGICALES AYANT DES CANNELURES AUXILIAIRES LOCALISEES**
[72] KULAS, JOHN W., US
[72] STEARNS, DONALD E., US
[71] MEDTRONIC XOMED, INC., US
[85] 2017-09-28
[86] 2016-03-21 (PCT/US2016/023349)
[87] (WO2016/160385)
[30] US (14/674,002) 2015-03-31

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[13] A1
[51] **Int.Cl. A61B 5/03 (2006.01) A61M 27/00 (2006.01) A61B 34/20 (2016.01)**
[25] EN
[54] **WIRELESS PRESSURE MEASUREMENT AND MONITORING FOR SHUNTS**
[54] **SURVEILLANCE ET MESURE DE PRESSION SANS FIL DES SHUNTS**
[72] JACOBSEN, BRAD, US
[71] MEDTRONIC PS MEDICAL, INC., US
[85] 2017-09-28
[86] 2016-03-24 (PCT/US2016/023862)
[87] (WO2016/160463)
[30] US (14/673,972) 2015-03-31

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[13] A1
[51] **Int.Cl. A61M 25/10 (2013.01) A61B 1/05 (2006.01) A61B 1/06 (2006.01) A61B 1/233 (2006.01) A61B 17/24 (2006.01) A61M 25/01 (2006.01) A61M 29/02 (2006.01)**
[25] EN
[54] **GUIDE CATHETER WITH IMAGE CAPTURE AND LIGHT EMISSION FEATURES**
[54] **CATHETER DE GUIDAGE DOTE DE CARACTERISTIQUES DE CAPTURE D'IMAGE ET D'EMISSION DE LUMIERE**
[72] KESTEN, RANDY J., US
[72] MUNI, KETAN P., US
[72] GARVEY, JAMES PATRICK, II, US
[72] HA, HUNG V., US
[72] NGUYEN, ANDY, US
[71] ACCLARENT, INC., US
[85] 2017-09-28
[86] 2016-03-29 (PCT/US2016/024716)
[87] (WO2016/160805)
[30] US (62/140,104) 2015-03-30
[30] US (14/826,400) 2015-08-14

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[13] A1
[51] **Int.Cl. B61B 12/00 (2006.01) B61B 11/00 (2006.01) B61B 12/06 (2006.01)**
[25] EN
[54] **DEVICE FOR LOCKING A PIVOTAL PROTECTIVE DEVICE FOR A CHAIRLIFT**
[54] **DISPOSITIF DE BLOCAGE D'UN DISPOSITIF DE PROTECTION PIVOTANT POUR TELESIEGE**
[72] SUTTERLUTY, ANDREAS, AT
[72] FINK, DOMINIK, AT
[71] INNOVA PATENT GMBH, AT
[85] 2017-09-29
[86] 2016-02-29 (PCT/AT2016/000020)
[87] (WO2016/154643)
[30] AT (A201/2015) 2015-04-02

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[13] A1
[51] **Int.Cl. A63G 7/00 (2006.01) A63G 21/12 (2006.01)**
[25] EN
[54] **BOOM COASTER**
[54] **MONTAGNES RUSSES A BRAS**
[72] VANCE, ERIC A., US
[72] PARR, ERIC, US
[72] COUP, THIERRY, US
[72] MCVEEN, KEITH MICHAEL, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2017-09-28
[86] 2016-03-31 (PCT/US2016/025280)
[87] (WO2016/161122)
[30] US (62/141,044) 2015-03-31
[30] US (62/171,682) 2015-06-05
[30] US (15/085,898) 2016-03-30

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[13] A1
[51] **Int.Cl. A61B 18/04 (2006.01)**
[25] EN
[54] **SURGICAL APPARATUS FOR ARGON BEAM COAGULATION**
[54] **APPAREIL CHIRURGICAL POUR COAGULATION PAR FAISCEAU D'ARGON**
[72] BARNES, KELLI SUE, US
[72] TEMBURNI, VISHAL, US
[72] ROHLFING, MORGAN LEIGH, US
[72] RIFFELL, DANIEL, US
[72] MOODY, DEREK LITE, US
[72] BROWN, BRENDAN RING, US
[71] CONMED CORPORATION, US
[85] 2017-09-28
[86] 2016-04-14 (PCT/US2016/027512)
[87] (WO2016/168449)
[30] US (62/147,627) 2015-04-15

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[13] A1
[51] **Int.Cl. G06F 21/60 (2013.01) H04L 9/00 (2006.01)**
[25] EN
[54] **DATA PROTECTION**
[54] **PROTECTION DE DONNEES**
[72] KINASZ, MICHEL, NL
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[25] EN
[54] **MULTIPLE FIELD DEVICE FLANGE**
[54] **BRIDE DE DISPOSITIF DE TERRAIN MULTIPLE**
[72] WIATER, NATHAN LEN, US
[71] ROSEMOUNT INC., US
[85] 2017-09-28
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[51] **Int.Cl. F01K 25/10 (2006.01) F01K 5/00 (2006.01) F01K 7/32 (2006.01) F02C 1/10 (2006.01)**
[25] EN
[54] **REGENERATIVE THERMODYNAMIC POWER GENERATION CYCLE SYSTEMS, AND METHODS FOR OPERATING THEREOF**
[54] **SYSTEMES DE CYCLE DE GENERATION D'ENERGIE THERMODYNAMIQUE A RECUPERATION, ET LEURS PROCEDES DE FONCTIONNEMENT**
[72] PETER, ANDREW MAXWELL, US
[72] KALRA, CHIRANJEEV SINGH, US
[72] HOFER, DOUGLAS CARL, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **METHOD OF DETERMINING A DIRECTION OF AN OBJECT ON THE BASIS OF AN IMAGE OF THE OBJECT**
[54] **PROCEDE DE DETERMINATION D'UNE DIRECTION D'UN OBJET A PARTIR D'UNE IMAGE DE L'OBJET**
[72] SIMON, ALAIN, FR
[71] THALES, FR
[85] 2017-09-29
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[54] **ROUE ELASTIQUE DESTINEE A UN VEHICULE FERROVIAIRE**
[72] KASPRZYK, THADDAUS, DE
[72] HOOG, THOMAS, DE
[72] KEMP-LETTKAMP, CHRISTIAN, DE
[72] GERLACH, THOMAS, DE
[71] GUTEHOFFNUNGSHUTTE RADSATZ GMBH, DE
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[51] **Int.Cl. G01G 11/08 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR GRAVIMETRIC METERING OF POWDERY BULK MATERIAL**
[54] **PROCEDE ET APPAREIL PERMETTANT UN DOSAGE GRAVIMETRIQUE DE MATERIAUX PULVERULENTS EN VRAC**
[72] HANSEN, LARS ELMEKILDE, DK
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2017-09-29
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[25] EN
[54] **ENERGY STORAGE DEVICE, POWER PLANT WITH ENERGY STORAGE DEVICE AND METHODFOR OPERATING THE SAME**
[54] **ACCUMULATEUR D'ENERGIE, CENTRALE ELECTRIQUE EQUIPEE D'ACCUMULATEUR D'ENERGIE ET PROCEDE POUR LES FAIRE FONCTIONNER**
[72] SCHECHNER, ALEXANDER, DE
[72] IHLE, GERHARD, DE
[72] DEROI, LUIS, DE
[71] NATURSPEICHER GMBH, DE
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[25] FR
[54] **METHOD AND SYSTEM FOR IDENTIFYING AN ISTHMUS IN A THREE-DIMENSIONAL MAP**
[54] **PROCEDE ET SYSTEME D'IDENTIFICATION D'UN ISTHME DANS UNE CARTOGRAPHIE TRIDIMENSIONNELLE**
[72] DE CHILLOU, CHRISTIAN, FR
[71] UNIVERSITE DE LORRAINE, FR
[71] CENTRE HOSPITALIER REGIONAL DE NANCY, FR
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[54] **HULL INSULATION**
[54] **ISOLATION DE COQUE**
[72] FOSS, STEIN, SG
[72] OIEN, SVERRE, SG
[72] NIKOLAISEN, PER IVAR, SG
[71] LNT MARINE PTE. LTD., SG
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[51] **Int.Cl. A61M 15/00 (2006.01)**
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[54] **COMPARTIMENT A POUDRE POUR L'ADMINISTRATION DE MEDICAMENT EN DOSE ELEVEE**
[72] VENTURA, JOAO, PT
[72] VILLAX, PETER, PT
[71] HOVIONE TECHNOLOGY LIMITED, IE
[85] 2017-09-29
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[25] EN
[54] **ROTOR FOR ROTARY VANE DEVICE**
[54] **ROTOR POUR DISPOSITIF ROTATIF A PALETTES**
[72] SPENCER, MICHAEL JOHN DAVID, ZA
[72] NICHOLSON, STEPHEN REUBEN, ZA
[71] AZAMOUR INVESTMENT CORPORATION INCORPORATED, AE
[85] 2017-09-29
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[25] EN
[54] **SLIDE-OUT ROOM AND OPERATING MECHANISM AND COMPONENTS THEREOF**
[54] **RALLONGE ESCAMOTABLE, ET MECANISME DE COMMANDE ET ELEMENTS ASSOCIES**
[72] RODABAUGH, DANIEL K., US
[71] XL IP B.V., NL
[85] 2017-09-29
[86] 2016-03-31 (PCT/NL2016/050224)
[87] (WO2016/159769)
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[51] **Int.Cl. E21B 33/037 (2006.01) E21B 33/035 (2006.01)**
[25] EN
[54] **SUBSEA PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION SOUS-MARIN**
[72] PRESCOTT, CLIFFORD NEAL, US
[72] NGUYEN, PHILLIP, US
[72] RALPH, THOMAS A., US
[72] STOCKTON, CHARLES W., US
[72] HENDERSON, JOHN W., US
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2017-09-29
[86] 2016-03-31 (PCT/US2016/025329)
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[51] **Int.Cl. F04D 29/42 (2006.01) F04D 13/06 (2006.01) F04D 29/041 (2006.01)**
[25] EN
[54] **HYDRAULICALLY BALANCED PUMP DISCHARGE**
[54] **REFOULEMENT DE POMPE HYDRAULIQUEMENT EQUILIBREE**
[72] NELSON, ANDREW MICHAEL, US
[72] CAMPBELL, MICHAEL DAVID, US
[72] PETERSON, JOHNATHAN EDWARD, US
[72] SPICER, ALAN, US
[71] GE OIL & GAS ESP, INC., US
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[51] **Int.Cl. E21B 23/14 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR USE IN A TRACTOR IN A WELLBORE AND METHODS**
[54] **APPAREIL DESTINE A ETRE UTILISE DANS UN TRACTEUR DANS UN PUITS DE FORAGE ET PROCEDES CORRESPONDANTS**
[72] MCINALLY, GERALD, NO
[71] QINTERRA TECHNOLOGIES AS, NO
[85] 2017-09-29
[86] 2016-03-31 (PCT/NO2016/050059)
[87] (WO2016/159780)
[30] NO (20150395) 2015-04-01

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[51] **Int.Cl. A61B 5/02 (2006.01) A61B 5/026 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PREDICTING PERFUSION DEFICITS FROM PHYSIOLOGICAL, ANATOMICAL, AND PATIENT CHARACTERISTICS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE PREDIRE DES DEFICITS D'IRRIGATION A PARTIR DE CARACTERISTIQUES PHYSIOLOGIQUES, ANATOMIQUES ET LIEES AU PATIENT**
[72] GRADY, LEO, US
[72] SCHAAP, MICHIEL, US
[72] TAYLOR, CHARLES A., US
[72] JAQUET, CLARA, US
[71] HEARTFLOW, INC., US
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[51] **Int.Cl. G06F 17/30 (2006.01) G10H 1/00 (2006.01) H04L 29/06 (2006.01)**
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[54] **PARALLEL ASYNCHRONOUS DATA REPLICATION**
[54] **REPLICATION DE DONNEES ASYNCHRONES PARALLELES**
[72] HEATHORN, TREVOR, US
[72] OSBORN, KEVIN, US
[71] OVERLAND STORAGE, INC., US
[85] 2017-09-29
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[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 50/02 (2012.01)**
[25] EN
[54] **FORECASTING NATIONAL CROP YIELD DURING THE GROWING SEASON**
[54] **PREVISION DE RENDEMENT NATIONAL DES CULTURES PENDANT LA SAISON DE CROISSANCE**
[72] XU, YING, US
[72] XU, LIJUAN, US
[71] THE CLIMATE CORPORATION, US
[85] 2017-09-29
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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **PROCESSING DATABASE TRANSACTIONS IN A DISTRIBUTED COMPUTING SYSTEM**
[54] **TRAITEMENT DE TRANSACTIONS DE BASE DE DONNEES DANS UN SYSTEME INFORMATIQUE DISTRIBUE**
[72] STANFILL, CRAIG W., US
[71] AB INITO TECHNOLOGY LLC, US
[85] 2017-09-29
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[25] EN
[54] **AUTOMATED OPERATION OF WELLSITE EQUIPMENT**
[54] **FONCTIONNEMENT AUTOMATISE D'EQUIPEMENT DE SITE DE FORAGE**
[72] URDANETA, CARLOS, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-09-29
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[87] (WO2016/160458)
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[25] EN
[54] **MODULAR IMAGING SYSTEM**
[54] **SYSTEME D'IMAGERIE MODULAIRE**
[72] ELLENBOGEN, MICHAEL, US
[72] LITCHFIELD, MICHAEL, US
[72] ROSE, ALEC, US
[72] CONWAY, PETER, US
[71] EVOLV TECHNOLOGIES, INC., US
[85] 2017-09-29
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[25] EN
[54] **NITROBENZYL DERIVATIVES OF ANTI-CANCER AGENTS**
[54] **DERIVES DE NITROBENZYLE D'AGENTS ANTICANCEREUX**
[72] DUAN, JIAN-XIN, US
[72] CAO, YEYU, US
[72] CAI, XIAOHONG, US
[72] JIAO, HAILONG, US
[72] MA, JING YUAN, US
[72] MATTEUCCI, MARK, US
[71] OBI PHARMA, INC., CN
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[51] **Int.Cl. B60C 25/05 (2006.01) B60C 25/132 (2006.01) B60C 25/138 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING CONCENTRIC MOUNTING OF A TIRE ON A WHEEL**
[54] **PROCEDE DE DETERMINATION DE MONTAGE CONCENTRIQUE D'UN PNEU SUR UNE ROUE**
[72] BUXTON, TODD A., US
[72] MISUTKA, JASON R., US
[72] SAWYER, STEVEN M., US
[72] SWARTZWELDER, CHRISTOPHER, US
[72] WALENGA, GUY J., US
[71] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
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[51] **Int.Cl. E21B 19/24 (2006.01) E21B 19/10 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **WEAR SENSOR FOR A PIPE GUIDE**
[54] **CAPTEUR D'USURE POUR TUYAU DE GUIDAGE**
[72] ANGELLE, JEREMY RICHARD, US
[72] THIBODEAUX, ROBERT, JR., US
[72] STELLY, JOHN ERICK, US
[71] FRANK'S INTERNATIONAL, LLC, US
[85] 2017-09-29
[86] 2016-03-31 (PCT/US2016/025108)
[87] (WO2016/171858)
[30] US (14/692,493) 2015-04-21

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[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **AUGMENTING TRANSPORT SERVICES USING DRIVER PROFILING**
[54] **AUGMENTATION DE SERVICES DE TRANSPORT AU MOYEN D'UN PROFILAGE DE CONDUCTEUR**
[72] TRUONG, MICHAEL, US
[72] KOLIN, BENJAMIN, US
[72] MAWAS, RAMI, US
[72] PURDY, DAVID, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2017-09-29
[86] 2016-04-08 (PCT/US2016/026799)
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[30] US (14/683,961) 2015-04-10
[30] US (14/819,288) 2015-08-05

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[51] **Int.Cl. F02C 7/22 (2006.01) F02C 9/32 (2006.01) F15C 1/02 (2006.01) F15C 1/16 (2006.01)**
[25] FR
[54] **FLOW LIMITER**
[54] **LIMITEUR DE DEBIT**
[72] FALGAREIRO, DAMIEN, FR
[72] BARITEAU, ELISA, FR
[72] THORY, ELISE, FR
[72] RIZZO, PASCAL, FR
[72] LONGIN, ALEXIS, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2017-10-02
[86] 2016-03-31 (PCT/FR2016/050717)
[87] (WO2016/156740)
[30] FR (1552882) 2015-04-03

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[51] **Int.Cl. F03D 13/20 (2016.01) E04H 12/00 (2006.01) F16B 5/02 (2006.01)**
[25] FR
[54] **WIND TURBINE TOWER SECTION, WIND TURBINE TOWER AND ASSEMBLY METHOD**
[54] **TRONCON DE MAT D'EOLIENNE, MAT D'EOLIENNE ET PROCEDE D'ASSEMBLAGE**
[72] GREMLING, MICHAEL, BE
[71] ARCELORMITTAL, LU
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[51] **Int.Cl. E21D 11/04 (2006.01) E21D 11/05 (2006.01)**
[25] EN
[54] **CONSTRUCTION ELEMENT FOR CREATING A TUNNEL, TUNNEL COMPRISING SUCH AN ELEMENT AND METHODS FOR CONSTRUCTING SUCH AN ELEMENT AND SUCH A TUNNEL**
[54] **CONSTRUCTION POUR LA REALISATION D'UN TUNNEL, TUNNEL COMPRENANT UN TEL ELEMENT ET PROCEDES DE CONSTRUCTION D'UN TEL ELEMENT ET D'UN TEL TUNNEL**
[72] SIMON, JEAN, FR
[71] AGENCE NATIONALE POUR LA GESTION DES DECHETS RADIOACTIFS, FR
[71] CONSTRUCTIONS MECANIQUES CONSULTANTS, FR
[85] 2017-10-02
[86] 2016-04-04 (PCT/FR2016/050764)
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[51] **Int.Cl. F03B 17/02 (2006.01) F03B 13/06 (2006.01)**
[25] FR
[54] **SUPER GRAAL POWER PRODUCTION SYSTEM**
[54] **SYSTEME DE PRODUCTION D'ENERGIE SUPER GRAAL**
[72] GOURAULT, DOMINIQUE-JOSE, FR
[71] GOURAULT, DOMINIQUE-JOSE, FR
[85] 2017-10-02
[86] 2016-04-13 (PCT/FR2016/050858)
[87] (WO2016/166476)
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[51] **Int.Cl. G01R 33/28 (2006.01) A61B 5/055 (2006.01) G01R 33/38 (2006.01) G01R 33/44 (2006.01)**
[25] EN
[54] **SYSTEM AND HAND-HELD PROBE FOR NON-INVASIVE REAL TIME MAGNETIC RESONANCE ANALYSIS OF BODY TISSUE**
[54] **SYSTEME ET SONDE PORTABLE POUR ANALYSE PAR RESONANCE MAGNETIQUE NON INVASIVE EN TEMPS REEL DE TISSUS CORPORELS**
[72] LEVY, YINON, IL
[71] SHMRI HAIM LTD., IL
[85] 2017-09-29
[86] 2016-03-30 (PCT/IL2016/050337)
[87] (WO2016/157182)
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[51] **Int.Cl. E21B 29/00 (2006.01) E21B 29/08 (2006.01) E21B 29/10 (2006.01) E21B 33/12 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **WELLBORE PLUG AND ABANDONMENT**
[54] **BOUCHAGE ET ABANDON PUITS DE FORAGE**
[72] PIPCHUK, DOUGLAS, CA
[72] COOPER, IAIN MICHAEL, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-10-02
[86] 2016-04-01 (PCT/US2016/025551)
[87] (WO2016/161283)
[30] US (62/142,326) 2015-04-02

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[13] A1
[51] **Int.Cl. C12M 1/18 (2006.01) C12M 1/26 (2006.01) C12N 1/20 (2006.01) C12N 15/03 (2006.01) C12N 15/70 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR EXTENDED CONTINUOUS FLOW FERMENTATION OF REDUCED GENOME BACTERIA**
[54] **SUBSTANCES ET PROCEDES DE FERMENTATION ETENDUE A ECOULEMENT CONTINU DE BACTERIES A GENOME REDUIT**
[72] BLATTNER, FREDERICK R., US
[71] SCARAB GENOMICS, LLC, US
[85] 2017-10-02
[86] 2016-04-01 (PCT/US2016/025588)
[87] (WO2016/161305)
[30] US (62/142,282) 2015-04-02

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[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/06 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **DIGITAL ASSET INTERMEDIARY ELECTRONIC SETTLEMENT PLATFORM**
[54] **PLATEFORME DE REGLEMENT ELECTRONIQUE INTERMEDIAIRE D'UN BIEN NUMERIQUE**
[72] WILSON, DONALD R., JR., US
[72] HIRANI, SUNIL, US
[72] SARANIECKI, W. ERIC, US
[72] ROOZ, YUVAL, US
[72] KFIR, SHAUL, US
[71] DIGITAL ASSET HOLDINGS, US
[85] 2017-10-02
[86] 2016-04-04 (PCT/US2016/025888)
[87] (WO2016/164310)
[30] US (62/178,315) 2015-04-05

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[51] **Int.Cl. F25D 3/06 (2006.01) B65D 81/38 (2006.01) F24F 5/00 (2006.01) F24H 7/00 (2006.01) F25D 17/02 (2006.01)**
[25] EN
[54] **A STORAGE UNIT FOR MAINTAINING A GENERALLY CONSTANT TEMPERATURE**
[54] **UNITE DE STOCKAGE POUR MAINTENIR UNE TEMPERATURE GLOBALEMENT CONSTANTE**
[72] GOLDSTEIN, VLADIMIR, CA
[72] CURRIE, JESSICA, CA
[72] CHONG, ALEXANDER, CA
[71] SUNWELL ENGINEERING COMPANY LIMITED, CA
[85] 2017-10-03
[86] 2015-04-02 (PCT/CA2015/000226)
[87] (WO2015/149159)
[30] US (61/975,289) 2014-04-04

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[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01) B01D 17/025 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **HIGH RATE FROTH SETTLING UNITS**
[54] **UNITES DE DECANTATION D'ECUME A GRANDE VITESSE**
[72] MOETAMED-SHARIATI, SABA, CA
[72] KARIMI, SHAHRAD, CA
[72] GARNER, WILLIAM NICHOLAS, CA
[72] SARKAR, AMITAVA, CA
[71] TOTAL E&P CANADA LTD., CA
[85] 2017-10-03
[86] 2015-04-02 (PCT/CA2015/050265)
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[30] US (61/974,518) 2014-04-03

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[13] A1
[51] **Int.Cl. B60L 11/16 (2006.01) B60T 1/10 (2006.01) B61C 9/50 (2006.01) B61C 17/06 (2006.01)**
[25] EN
[54] **REGENERATIVE RAILWAY BRAKING SYSTEM**
[54] **SYSTEME DE FREINAGE PAR RECUPERATION POUR VEHICULE FERROVIAIRE**
[72] PYPER, ANDREAS, ZA
[71] TRANSNET SOC LIMITED, ZA
[85] 2017-10-02
[86] 2016-04-01 (PCT/IB2016/051876)
[87] (WO2016/157146)
[30] ZA (2015/02292) 2015-04-02

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[13] A1
[51] **Int.Cl. A62D 3/40 (2007.01)**
[25] EN
[54] **PROCESS FOR UPGRADING ASBESTOS TAILINGS**
[54] **PROCEDE DE VALORISATION DE RESIDUS D'AMIANTE**
[72] GUERARD, MARC-AURELE, CA
[72] GOSSELIN, CLAUDE, CA
[71] LES SABLES OLIMAG INC., CA
[85] 2017-10-03
[86] 2015-04-13 (PCT/CA2015/050304)
[87] (WO2016/165003)

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[51] **Int.Cl. A01K 11/00 (2006.01)**
[25] EN
[54] **APPLICATOR FOR ANIMAL IDENTIFICATION TAGS**
[54] **APPLICATEUR POUR ETIQUETTES D'IDENTIFICATION D'ANIMAUX**
[72] WEBBER, RICHARD, GB
[72] FLETCHER, MICHAEL, GB
[72] VICKERY, MELVIN, GB
[72] BROWN, DAVID, GB
[71] SHEARWELL DATA LIMITED, GB
[85] 2017-10-03
[86] 2016-02-05 (PCT/EP2016/052576)
[87] (WO2016/128332)
[30] GB (1502120.7) 2015-02-09

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[13] A1
[51] **Int.Cl. G06F 12/00 (2006.01) G06F 21/60 (2013.01) G06F 21/78 (2013.01)**
[25] EN
[54] **DIGITALLY TRANSFERRING CONTENT ACROSS MEDIA WITHOUT REPRODUCTION**
[54] **TRANSFERT NUMERIQUE DE CONTENU ENTRE SUPPORTS SANS REPRODUCTION**
[72] GEORGE, JOHANN, US
[72] VRIELING, MARK, US
[72] MITCHELL, JOHN, US
[71] GEORGE, JOHANN, US
[71] VRIELING, MARK, US
[71] MITCHELL, JOHN, US
[85] 2017-10-02
[86] 2016-04-18 (PCT/US2016/028135)
[87] (WO2016/168832)
[30] US (62/149,238) 2015-04-17
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[51] **Int.Cl. A61N 1/04 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OMNI-DIRECTIONAL BIPOLAR STIMULATION OF NERVE TISSUE OF A PATIENT VIA A SURGICAL TOOL**
[54] **SYSTEME ET METHODE DE STIMULATION BIPOLAIRE OMNIDIRECTIONNELLE DE TISSUS NERVEUX D'UN PATIENT AU MOYEN D'UN OUTIL CHIRURGICAL**
[72] MCFARLIN, KEVIN L., US
[72] COURTNEY, BRYAN L., US
[72] CANTWELL, MATTHEW L., US
[71] MEDTRONIC XOMED, INC., US
[85] 2017-10-02
[86] 2016-03-24 (PCT/US2016/023903)
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[25] EN
[54] **SYSTEM AND METHOD FOR OMNI-DIRECTIONAL BIPOLAR STIMULATION OF NERVE TISSUE OF A PATIENT VIA A BIPOLAR STIMULATION PROBE**
[54] **SYSTEME ET METHODE DE STIMULATION BIPOLAIRE OMNIDIRECTIONNELLE DE TISSUS NERVEUX D'UN PATIENT PAR L'INTERMEDIAIRE D'UNE SONDE DE STIMULATION BIPOLAIRE**
[72] MCFARLIN, KEVIN L., US
[72] COURTNEY, BRYAN L., US
[72] HACKER, DAVID C., US
[71] MEDTRONIC XOMED, INC., US
[85] 2017-10-02
[86] 2016-03-24 (PCT/US2016/023910)
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[25] EN
[54] **METHODS AND SYSTEMS FOR GENERATING CLUSTER-BASED SEARCH RESULTS**
[54] **PROCEDES ET SYSTEMES DE GENERATION DE RESULTATS DE RECHERCHE A BASE DE GROUPES**
[72] PATEL, MILAN, US
[71] ROVI GUIDES, INC., US
[85] 2017-10-02
[86] 2016-03-29 (PCT/US2016/024700)
[87] (WO2016/160797)
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[25] EN
[54] **REALIGNMENT OF THE PELVIS**
[54] **REALIGNEMENT DU BASSIN**
[72] ALDRED, CHRIS DAVID, GB
[71] PELVIPRO LIMITED, GB
[85] 2017-10-03
[86] 2016-04-11 (PCT/GB2016/000079)
[87] (WO2016/162655)
[30] GB (1506061.9) 2015-04-09

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[51] **Int.Cl. F41H 13/00 (2006.01) G02B 3/00 (2006.01) G02F 1/29 (2006.01)**
[25] EN
[54] **A WEAPONS COUNTER MEASURE METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE CONTRE-MESURES VISANT DES ARMES A ENERGIE DIRIGEE**
[72] BLANCHARD, PAUL MICHAEL, GB
[72] COLOSIMO, NICHOLAS GIACOMO ROBERT, GB
[71] BAE SYSTEMS PLC, GB
[85] 2017-10-03
[86] 2016-04-07 (PCT/GB2016/050980)
[87] (WO2016/162680)
[30] GB (1506200.3) 2015-04-10
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[51] **Int.Cl. A47L 13/16 (2006.01) A47L 1/15 (2006.01) A47L 13/20 (2006.01)**
[25] EN
[54] **FLOOR CLEANING ARTICLE HAVING STRIPS AND AN ABSORBENT CORE**
[54] **ARTICLE DE NETTOYAGE DU SOL PRESENTANT DES BANDES ET UN C UR ABSORBANT**
[72] POLICICCHIO, NICOLA JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-10-02
[86] 2016-04-01 (PCT/US2016/025471)
[87] (WO2016/161234)
[30] US (14/677,268) 2015-04-02
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[51] **Int.Cl. A47L 13/16 (2006.01) A47L 1/15 (2006.01) A47L 13/20 (2006.01)**
[25] EN
[54] **FLOOR CLEANING ARTICLE HAVING STRIPS WITH DIFFERENTIAL BOND PATTERN**
[54] **ARTICLE DE NETTOYAGE DU SOL PRESENTANT DES BANDES AVEC MOTIFS DE LIAISON DIFFERENTS**
[72] POLICICCHIO, NICOLA JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-10-02
[86] 2016-04-01 (PCT/US2016/025473)
[87] (WO2016/161235)
[30] US (14/677,268) 2015-04-02
[30] US (14/755,506) 2015-06-30

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[25] EN
[54] **DIGITAL IDENTIFICATION SYSTEM**
[54] **SYSTEME D'IDENTIFICATION NUMERIQUE**
[72] BORUNDA, ADRIAN, US
[72] ANARUK, ANDREW L., US
[72] HERNANDEZ, HEATHER, US
[72] TREVINO, MELISSA, US
[72] VIJAYVERGIA, GUNJAN, US
[72] WRIGHT, WILLIAM H., III, US
[72] SHELTON, JOHN, US
[72] WRIGHT, SUSAN, US
[72] PICKREL, CORY S., US
[72] BESS, CHRISTOPHER, US
[72] LIANG, MINYA, US
[71] UNITED SERVICES AUTOMOBILE ASSOCIATION (USAA), US
[85] 2017-10-02
[86] 2016-04-01 (PCT/US2016/025534)
[87] (WO2016/161272)
[30] US (62/142,792) 2015-04-03
[30] US (62/188,356) 2015-07-02
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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/04 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **ASSAY FOR DETECTION OF PATHOGENIC LEPTOSPIRA STRAINS**
[54] **DOSAGE POUR LA DETECTION DE SOUCHES PATHOGENES DE LEPTOSPIRA**
[72] JOHNSON, ERIK P., US
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
[85] 2017-10-02
[86] 2016-04-04 (PCT/US2016/025817)
[87] (WO2016/161412)
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[51] **Int.Cl. G01S 7/38 (2006.01) F41H 13/00 (2006.01) G02F 1/29 (2006.01)**
[25] EN
[54] **A DETECTION COUNTER MEASURE METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE MESURE DE PREVENTION DE DETECTION**
[72] BLANCHARD, PAUL MICHAEL, GB
[72] COLOSIMO, NICHOLAS GIACOMO ROBERT, GB
[71] BAE SYSTEMS PLC, GB
[85] 2017-10-03
[86] 2016-04-07 (PCT/GB2016/050984)
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[30] GB (1506199.7) 2015-04-10
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[51] **Int.Cl. H04W 4/02 (2009.01) H04W 88/02 (2009.01) A61B 5/08 (2006.01) G09B 9/00 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **TRAINING IN DISPENSING A MEDICAMENT**
[54] **APPRENTISSAGE DE L'ADMINISTRATION D'UN MEDICAMENT**
[72] MILTON-EDWARDS, MARK, GB
[71] TEVA UK LIMITED, GB
[85] 2017-05-10
[86] 2015-11-11 (PCT/IB2015/002105)
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[30] GB (1420039.8) 2014-11-11

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[51] **Int.Cl. F02B 75/04 (2006.01) F02B 75/32 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE**
[72] NAKAMURA, KATSUTOSHI, JP
[72] TSUBOKAWA, MASAYOSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-10-03
[86] 2015-04-03 (PCT/JP2015/060607)
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[51] **Int.Cl. B60R 21/00 (2006.01)**
[25] EN
[54] **PARKING ASSISTANCE SYSTEM AND PARKING ASSISTANCE DEVICE**
[54] **SYSTEME D'AIDE AU STATIONNEMENT ET DISPOSITIF D'AIDE AU STATIONNEMENT**
[72] FUKUSHIMA, YOSHITAKE, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-10-03
[86] 2015-04-07 (PCT/JP2015/060804)
[87] (WO2016/162937)

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[25] EN
[54] **EPOXY RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE EPOXYDE**
[72] TAKAHASHI, IKUO, JP
[72] ITOH, TAKAHIKO, JP
[72] NAKASHIMA, SHINICHI, JP
[72] SASAKI, TAKAHIRO, JP
[71] NISSHINBO CHEMICAL INC., JP
[85] 2017-10-03
[86] 2016-03-18 (PCT/JP2016/058776)
[87] (WO2016/163222)
[30] JP (2015-077980) 2015-04-06

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[13] A1
[51] **Int.Cl. A61K 31/568 (2006.01) A61K 9/06 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **DRY EYE THERAPEUTIC AGENT COMPRISING NANDROLONE OR ESTER THEREOF OR METHENOLONE OR ESTER THEREOF AS AN ACTIVE INGREDIENT**
[54] **AGENT THERAPEUTIQUE CONTRE LA SECHERESSE OCULAIRE AYANT COMME PRINCIPE ACTIF DE LA NANDROLONE OU UN ESTER DE CELLE-CI, OU DE LA METENOLONE OU UN ESTER DE CELLE-CI**
[72] ENDO, KENICHI, JP
[72] FUJII, SHINOBU, JP
[72] OKI, KENJI, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
[85] 2017-10-03
[86] 2016-04-01 (PCT/JP2016/060927)
[87] (WO2016/159350)
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[51] **Int.Cl. H04N 21/45 (2011.01) H04N 21/2668 (2011.01) H04N 21/435 (2011.01) G06F 13/00 (2006.01)**
[25] EN
[54] **RECEPTION APPARATUS, TRANSMISSION APPARATUS, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION, DISPOSITIF DE TRANSMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2017-10-03
[86] 2016-04-26 (PCT/JP2016/062984)
[87] (WO2016/199513)
[30] JP (2015-116302) 2015-06-09

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[13] A1
[51] **Int.Cl. A63B 69/36 (2006.01)**
[25] EN
[54] **LAUNCHED BALL DETECTING APPARATUS AND LAUNCHED BALL DETECTING METHOD**
[54] **APPAREIL DE DETECTION DE BALLE LANCEE ET PROCEDE DE DETECTION DE BALLE LANCEE**
[72] KAWAMOTO, HIDEAKI, JP
[72] DO VIET MANH, VN
[72] LUONG HONG QUAN, VN
[71] GPRO CO., LTD., JP
[85] 2017-10-03
[86] 2016-11-28 (PCT/JP2016/085086)
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[30] JP (2016-061010) 2016-03-25

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[13] A1
[51] **Int.Cl. H02J 50/10 (2016.01) H02J 50/60 (2016.01) H02J 7/02 (2016.01)**
[25] EN
[54] **INDUCTIVE POWER TRANSMITTER**
[54] **EMETTEUR D'ENERGIE PAR INDUCTION**
[72] CHEN, LIANG, NZ
[71] POWERBYPROXI LIMITED, NZ
[85] 2017-10-03
[86] 2016-04-01 (PCT/NZ2016/050055)
[87] (WO2016/159788)
[30] US (62/142,023) 2015-04-02

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[13] A1
[51] **Int.Cl. D21C 11/04 (2006.01) B01D 61/00 (2006.01) C01B 17/34 (2006.01) B01D 69/02 (2006.01) B01D 71/02 (2006.01) C25B 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR POLYSULFIDE PRODUCTION IN A KRAFT PULP MILL**
[54] **PROCEDE DE PRODUCTION DE POLYSULFURE DANS UNE USINE DE PATE KRAFT**
[72] ANTONSSON, STEFAN, SE
[72] LINDGREN, CHRISTOFER, SE
[72] LINDSTROM, MIKAEL, SE
[72] HOGEBRANDT, EVA, SE
[71] VALMET AB, SE
[85] 2017-10-03
[86] 2016-04-01 (PCT/SE2016/050276)
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[30] SE (1550427-7) 2015-04-09

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **LINKING PROMOTIONAL TERMS**
[54] **LIAISON DE CONDITIONS PROMOTIONNELLES**
[72] PEIOS, PAUL, CA
[72] RICHARDSON, LAWRENCE, CA
[71] ESI - EXCHANGE SOLUTIONS, INC., US
[85] 2017-10-03
[86] 2015-03-31 (PCT/US2015/023658)
[87] (WO2015/153654)
[30] US (14/244,509) 2014-04-03

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[13] A1
[51] **Int.Cl. C02F 11/12 (2006.01) F16C 13/00 (2006.01) F26B 3/347 (2006.01) F26B 17/02 (2006.01) F26B 23/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR IMPROVED EVAPORATION DRYING**
[54] **APPAREIL ET PROCEDE DE SECHAGE PAR EVAPORATION AMELIORE**
[72] CHUA, KENG TAI, SG
[71] SINGNERGY CORPORATION PTE LTD, SG
[85] 2017-10-03
[86] 2016-04-06 (PCT/SG2016/050170)
[87] (WO2016/163955)
[30] SG (10201502704V) 2015-04-07

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[13] A1
[51] **Int.Cl. C11D 1/66 (2006.01) C11D 3/382 (2006.01) C11D 3/60 (2006.01)**
[25] EN
[54] **CLEANING FORMULATIONS FOR CHEMICALLY SENSITIVE INDIVIDUALS: COMPOSITIONS AND METHODS**
[54] **FORMULATIONS DE NETTOYAGE POUR DES INDIVIDUS SENSIBLES AUX PRODUITS CHIMIQUES : COMPOSITIONS ET PROCEDES**
[72] VAN BUSKIRK, GREGORY, US
[72] STEINEMANN, ANNE, US
[72] NAIR, VINOD S., US
[71] VAN BUSKIRK, GREGORY, US
[71] STEINEMANN, ANNE, US
[71] NAIR, VINOD S., US
[85] 2017-10-03
[86] 2015-04-23 (PCT/US2015/027403)
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[30] US (61/982,887) 2014-04-23

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[13] A1
[51] **Int.Cl. C09J 4/02 (2006.01) C09J 183/00 (2006.01)**
[25] EN
[54] **ANAEROBIC CURABLE COMPOSITIONS**
[54] **COMPOSITIONS DURCISSABLES PAR VOIE ANAEROBIE**
[72] MESSANA, ANDREW D., US
[72] O'KANE, RUAIRI, IE
[72] LEDWITH, DEIRDRE, IE
[72] HYNES, AIMEE, IE
[71] HENKEL IP & HOLDING GMBH, DE
[85] 2017-10-03
[86] 2016-01-25 (PCT/US2016/014706)
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[30] US (62/142,641) 2015-04-03

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL PEPTIDES AND METHODS OF USE THEREOF**
[54] **PEPTIDES ANTIMICROBIENS ET LEURS METHODES D'UTILISATIONS**
[72] JAYNES, JESSE, US
[72] CLEMENS, L., EDWARD, US
[72] LOPEZ, HENRY W., US
[72] MARTIN, GEORGE R., US
[71] RIPTIDE BIOSCIENCE, INC., US
[85] 2017-10-03
[86] 2016-03-23 (PCT/US2016/023801)
[87] (WO2016/154328)
[30] US (62/137,206) 2015-03-23

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[51] **Int.Cl. A41D 27/10 (2006.01) A41D 27/12 (2006.01) A61F 13/10 (2006.01) A61K 9/70 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL ARM SLEEVE**
[54] **MANCHON ANTIMICROBIEN POUR LE BRAS**
[72] BRATSKEIR, STAN, US
[71] THE SNEEVE LLC, US
[85] 2017-10-03
[86] 2016-04-05 (PCT/US2016/025972)
[87] (WO2016/164331)
[30] US (62/144,668) 2015-04-08

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[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/00 (2006.01) A61K 38/10 (2006.01) C07K 5/00 (2006.01) C07K 7/00 (2006.01) C07K 16/00 (2006.01) C40B 40/10 (2006.01)**
[25] EN
[54] **DE NOVO BINDING DOMAIN CONTAINING POLYPEPTIDES AND USES THEREOF**
[54] **POLYPEPTIDES CONTENANT UN DOMAINE DE LIAISON DE NOVO ET LEURS UTILISATIONS**
[72] LAFLEUR, DAVID, WILLIAM, US
[72] HILBERT, DAVID, M., US
[71] SUBDOMAIN, LLC, US
[71] ARCELLX, INC., US
[71] ARCELLX, INC, US
[85] 2017-10-03
[86] 2016-04-04 (PCT/US2016/025880)
[87] (WO2016/164308)
[30] US (62/143,772) 2015-04-06

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[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) C12N 5/07 (2010.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **POLYPEPTIDE-BASED SHUTTLE AGENTS FOR IMPROVING THE TRANSDUCTION EFFICIENCY OF POLYPEPTIDE CARGOS TO THE CYTOSOL OF TARGET EUKARYOTIC CELLS, USES THEREOF, METHODS AND KITS RELATING TO SAME**
[54] **AGENTS NAVETTES A BASE DE POLYPEPTIDES POUR L'AMELIORATION DE L'EFFICACITE DE LA TRANSDUCTION DE CARGOS POLYPEPTIDIQUES DANS LE CYTOSOL DE CELLULES EUCARYOTES CIBLES, LEURS UTILISATIONS, PROCEDES ET TROUSSES LES CONCERNANT**
[72] GUAY, DAVID, CA
[72] DEL'GUIDICE, THOMAS, CA
[72] LEPETIT-STOFFAES, JEAN-PASCAL, CA
[71] FELDAN BIO INC., CA
[85] 2017-10-04
[86] 2016-04-08 (PCT/CA2016/050403)
[87] (WO2016/161516)
[30] US (62/145,760) 2015-04-10
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[54] **GLOVES WITH SELECTIVE INSERTS ABOUT THE PROXIMAL AND DISTAL INTERPHALANGEAL JOINTS OF THE HAND**
[54] **GANTS AYANT DES PIECES D'INSERTION SELECTIVES AU NIVEAU DES ARTICULATIONS INTERPHALANGEALES PROXIMALE ET DISTALE DE LA MAIN**
[72] SCHILD, SHAWN, US
[71] SCHILD, SHAWN, US
[85] 2017-10-03
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[30] US (14/713,331) 2015-05-15

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[13] A1
[51] **Int.Cl. A47B 43/00 (2006.01)**
[25] EN
[54] **PRINTABLE BENDABLE SHEETS, CONSTRUCTIONS COMPRISING THEM AND METHODS OF MAKING SAME**
[54] **FEUILLES PLIABLES IMPRIMABLES, CONSTRUCTIONS COMPORTANT CES FEUILLES, ET PROCEDES DE FABRICATION DE CES FEUILLES**
[72] SITTON, OREN, IL
[71] SITTON, OREN, IL
[85] 2017-10-03
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[30] IL (231941) 2014-04-03

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[13] A1
[51] **Int.Cl. H01Q 1/12 (2006.01)**
[25] EN
[54] **AN APPARATUS WITH MULTIPLE POLE MOUNTING CONFIGURATIONS**
[54] **APPAREIL AYANT DE MULTIPLES CONFIGURATIONS DE MONTAGE SUR PERCHE**
[72] CHRISTIE, NATHAN ANDREW, US
[71] PRO BRAND INTERNATIONAL, INC., US
[85] 2017-10-02
[86] 2016-04-01 (PCT/US2016/025618)
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[51] **Int.Cl. C09J 197/00 (2006.01) B27N 1/02 (2006.01) B27N 3/00 (2006.01) C09J 161/00 (2006.01)**
[25] EN
[54] **HIGH RESIDUAL CONTENT (HRC) KRAFT/SODA LIGNIN AS AN INGREDIENT IN WOOD ADHESIVES**
[54] **LIGNINE DE KRAFT/SOUDE A TENEUR RESIDUELLE ELEVEE (HRC) EN TANT QU'INGREDIENT DANS DES COLLES A BOIS**
[72] FENG, MARTIN W., CA
[72] HE, GUANGBO, CA
[72] ZHANG, YAOLIN, CA
[72] WANG, XIANG-MING, CA
[72] KOUISNI, LAMFEDDAL, CA
[72] PALEOLOGOU, MICHAEL, CA
[71] FPINNOVATIONS, CA
[85] 2017-10-04
[86] 2016-04-15 (PCT/CA2016/050436)
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[30] US (62/147,816) 2015-04-15

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[25] EN
[54] **METHODS AND APPARATUS FOR CONTROLLING MOVEMENT OF RECEPTACLES**
[54] **PROCEDES ET APPAREIL POUR COMMANDER LE DEPLACEMENT DE RECEPTACLES**
[72] JOCHIM, JAYSON MICHAEL, US
[72] AALUND, MARTIN PETER, US
[72] BATTLES, JON STUART, US
[72] RAINES, PAUL ROY, JR., US
[72] YAN, YAN, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-10-03
[86] 2016-04-08 (PCT/US2016/026565)
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[30] US (14/682,993) 2015-04-09

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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 9/445 (2006.01)**
[25] EN
[54] **EVENT PROCESSING SYSTEM PAGING**
[54] **PAGINATION DE SYSTEME DE TRAITEMENT D'EVENEMENTS**
[72] DE SMET, BART, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-10-03
[86] 2016-04-08 (PCT/US2016/026579)
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[51] **Int.Cl. C13K 1/04 (2006.01) C01B 7/07 (2006.01) C01B 17/90 (2006.01) C01B 25/234 (2006.01) C07C 51/47 (2006.01) D21C 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING AN ACID FROM ACID/SUGAR SOLUTIONS**
[54] **PROCEDE DE RECUPERATION D'UN ACIDE A PARTIR DE SOLUTIONS D'ACIDE/SUCRE**
[72] JEMAA, NACEUR, CA
[72] PALEOLOGOU, MICHAEL, CA
[72] MAHMOOD, TALAT, CA
[71] FPINNOVATIONS, CA
[85] 2017-10-04
[86] 2016-04-20 (PCT/CA2016/050449)
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[30] US (62/150,401) 2015-04-21

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[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **BLISTER STRIP ADVANCE MECHANISM**
[54] **MECANISME D'AVANCE DE BANDE DE COQUES**
[72] YOCH, TRAVIS ERNEST, US
[72] ROBERTS, ROBERT R., US
[71] MICRODOSE THERAPEUTX, INC., US
[85] 2017-10-03
[86] 2016-04-08 (PCT/US2016/026593)
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[51] **Int.Cl. B01J 29/40 (2006.01) B01J 35/08 (2006.01) B01J 37/08 (2006.01)**
[25] EN
[54] **ZSM-5 CATALYST**
[54] **CATALYSEUR ZSM-5**
[72] GAO, XINGTAO, US
[72] CASTELLANO, CHRISTOPHER R., US
[72] DOWD, BRENDAN PATRICK, US
[71] BASF CORPORATION, US
[85] 2017-10-03
[86] 2016-04-08 (PCT/US2016/026608)
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[25] EN
[54] **TGF-BETA SUPERFAMILY TYPE I AND TYPE II RECEPTOR HETEROMULTIMERS AND USES THEREOF**
[54] **HETEROMULTIMERES DE RECEPTEUR DE TYPE I ET DE TYPE II DE LA SUPERFAMILLE DE TGF-BETA ET LEURS UTILISATIONS**
[72] KUMAR, RAVINDRA, US
[72] GRINBERG, ASYA, US
[72] SAKO, DIANNE S., US
[72] PEARSALL, ROBERT SCOTT, US
[72] CASTONGUAY, ROSELYNE, US
[71] ACCELERON PHARMA INC., US
[85] 2017-10-04
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[25] EN
[54] **RAIL COOLING SYSTEM AND METHOD FOR REDUCING THERMAL EXPANSION**
[54] **SYSTEME DE REFROIDISSEMENT DE RAIL ET PROCEDE POUR REDUIRE LA DILATATION THERMIQUE**
[72] DEJARNATT, BARTON, US
[72] PLESS, TRAVIS, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2017-10-04
[86] 2016-01-25 (PCT/US2016/014658)
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[51] **Int.Cl. F16D 3/84 (2006.01) F16C 3/00 (2006.01) F16D 3/223 (2011.01) F16N 31/00 (2006.01)**
[25] EN
[54] **GREASE RETENTION ASSEMBLY FOR A JOINT OF A VEHICLE DRIVE SHAFT**
[54] **ENSEMBLE DE RETENUE DE GRAISSE POUR UNE ARTICULATION D'UN ARBRE D'ENTRAINEMENT DE VEHICULE**
[72] EDWARDS, KRYSTIL ELIZABETH, US
[72] MAKSYMIAK, IHOR R., US
[72] BARRETT, JON R., US
[71] NTN BEARING CORPORATION OF AMERICA, US
[85] 2017-10-04
[86] 2016-03-31 (PCT/US2016/025243)
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[25] EN
[54] **MALEATE SALTS OF A B-RAF KINASE INHIBITOR, CRYSTALLINE FORMS, METHODS OF PREPARATION, AND USES THEREFORE**
[54] **SELS DE MALEATE D'UN INHIBITEUR DE KINASE B-RAF, FORMES CRISTALLINES, PROCEDES DE PREPARATION, ET LEURS UTILISATIONS**
[72] ZHANG, GUOLIANG, CN
[72] ZHOU, CHANGYOU, US
[71] BEIGENE, LTD., KY
[85] 2017-10-04
[86] 2016-04-14 (PCT/CN2016/079251)
[87] (WO2016/165626)
[30] CN (PCT/CN2015/076639) 2015-04-15

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[51] **Int.Cl. C07K 14/725 (2006.01) C12N 5/0783 (2010.01) C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **CD20 THERAPIES, CD22 THERAPIES, AND COMBINATION THERAPIES WITH A CD19 CHIMERIC ANTIGEN RECEPTOR (CAR)- EXPRESSING CELL**
[54] **THERAPIES ANTI-CD20, THERAPIES ANTI-CD22, ET POLYTHERAPIES COMPRENANT UNE CELLULE EXPRIMANT LE RECEPTEUR ANTIGENIQUE CHIMERIQUE (CAR) DIRIGE CONTRE LE CD19**
[72] BITTER, HANS, US
[72] BORDEAUX, JENNIFER MARY, US
[72] BRANNETTI, BARBARA, CH
[72] BROGDON, JENNIFER, US
[72] DAKAPPAGARI, NAVEEN KUMAR, US
[72] GILL, SAAR, US
[72] HIGHFILL, STEVEN, US
[72] HUANG, LU, US
[72] JUNE, CARL H., US
[72] KIM, JU YOUNG, US
[72] LEI, MING, US
[72] LI, NA, US
[72] LOWE, ANDREAS, US
[72] ORLANDO, ELENA, US
[72] RUELLA, MARCO, US
[72] TRAN, THAI, US
[72] ZHANG, JIMIN, US
[72] ZHOU, LI, US
[71] NOVARTIS AG, CH
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2017-10-03
[86] 2016-04-08 (PCT/US2016/026655)
[87] (WO2016/164731)
[30] US (62/144,639) 2015-04-08
[30] US (62/144,615) 2015-04-08
[30] US (62/144,497) 2015-04-08
[30] US (62/207,255) 2015-08-19
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[51] **Int.Cl. A61F 9/02 (2006.01)**
[25] EN
[54] **MULTICOMPONENT GUMMY COMPOSITIONS WITH HARD CORE**
[54] **COMPOSITIONS GOMMEUSES A PLUSIEURS COMPOSANTS A NOYAU DUR**
[72] ROMANOSCHI, OVIDIU, US
[72] ORYNIAK, CARYN, US
[72] MUNIZ, LUIS, US
[72] HUATAN, HIEP, GB
[72] KANJI, NAZIM, GB
[72] JONES, HUW, GB
[72] BAGLEY, LINDSEY, GB
[72] GODFREY, GRAHAM, GB
[71] CHURCH & DWIGHT CO., INC., US
[85] 2017-10-03
[86] 2016-04-06 (PCT/US2016/026219)
[87] (WO2016/164464)
[30] US (62/144,224) 2015-04-07
[30] US (62/238,947) 2015-10-08

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[51] **Int.Cl. A61K 31/495 (2006.01) A61P 1/00 (2006.01) A61P 3/00 (2006.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01) A61P 17/00 (2006.01) A61P 19/00 (2006.01) A61P 21/00 (2006.01) A61P 25/00 (2006.01) A61P 27/00 (2006.01) A61P 37/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND USES IN TREATMENT OF SENESCENCE-ASSOCIATED CONDITONS**
[54] **COMPOSES ET UTILISATIONS DANS LE TRAITEMENT D' ETATS ASSOCIES A LA SENESCENCE**
[72] DAVID, NATHANIEL, US
[72] LABERGE, REMI-MARTIN, US
[71] UNITY BIOTECHNOLOGY, INC., US
[71] BUCK INSTITUTE FOR RESEARCH ON AGING, US
[85] 2017-10-04
[86] 2016-02-05 (PCT/US2016/016894)
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[51] **Int.Cl. C07D 455/03 (2006.01) A61K 31/155 (2006.01) A61K 31/20 (2006.01) A61K 31/205 (2006.01) A61K 31/4375 (2006.01) A61P 1/16 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 29/00 (2006.01) C07C 57/02 (2006.01) C07C 229/22 (2006.01) C07C 279/26 (2006.01)**
[25] EN
[54] **CONJUGATE COMPOUNDS OF URSODEOXYCHOLIC, BERBERINE OR L-CARNITINE, AND COMPOSITIONS AND METHODS THEREOF**
[54] **COMPOSES CONJUGUES D'ACIDE URSODESOXYCHOLIQUE, DE BERBERINE OU DE L-CARNITINE, ET COMPOSITIONS ET PROCEDES CORRESPONDANTS**
[72] LIU, LIPING, US
[71] SHENZHEN HIGHTIDE BIOPHARMACEUTICAL, LTD., CN
[85] 2017-10-04
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[87] (WO2016/161921)
[30] US (62/143,734) 2015-04-06

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[51] **Int.Cl. H01M 8/18 (2006.01) H01M 2/16 (2006.01) H01M 8/20 (2006.01)**
[25] EN
[54] **MITIGATION OF PARASITIC REACTIONS WITHIN FLOW BATTERIES**
[54] **ATTENUATION DES REACTIONS PARASITES DANS DES BATTERIES A CIRCULATION**
[72] MORRIS-COHEN, ADAM, US
[72] PURANAM, SRIVATSAVA, US
[72] GOELTZ, JOHN, US
[72] ESSWEIN, ARTHUR J., US
[71] LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC, US
[85] 2017-10-03
[86] 2016-04-08 (PCT/US2016/026803)
[87] (WO2016/168087)
[30] US (62/147,702) 2015-04-15
[30] US (15/090,506) 2016-04-04

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[51] **Int.Cl. A23L 27/10 (2016.01) A23G 3/36 (2006.01) A23G 4/06 (2006.01) A61P 11/02 (2006.01)**
[25] EN
[54] **MULTICOMPONENT GUMMY COMPOSITIONS WITH SOFT CORE**
[54] **COMPOSITIONS GOMMEUSES A PLUSIEURS COMPOSANTS AVEC UN C□UR MOU**
[72] ROMANOSCHI, OVIDIU, US
[72] ORYNIAK, CARYN, US
[72] MUNIZ, LUIS C., US
[72] BAGLEY, LINDSEY, GB
[72] GODFREY, GRAHAM, GB
[72] HUATAN, HIEP, GB
[71] CHURCH & DWIGHT CO., INC., US
[85] 2017-10-03
[86] 2016-04-06 (PCT/US2016/026228)
[87] (WO2016/164470)
[30] US (62/144,224) 2015-04-07
[30] US (62/238,947) 2015-10-08

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[13] A1
[51] **Int.Cl. B29C 49/36 (2006.01) B29C 49/06 (2006.01) B29C 49/08 (2006.01)**
[25] EN
[54] **METHOD FOR MOLDING CONTAINER USING INJECTION STRETCH BLOW MOLDING MACHINE**
[54] **PROCEDE DE MOULAGE DE RECIPIENT AU MOYEN D'UNE MACHINE DE MOULAGE PAR INJECTION-SOUFFLAGE AVEC ETIRAGE**
[72] AOKI, SHIGETO, JP
[72] MATSUZAKA, NAOHIDE, JP
[72] HASEGAWA, KAZUHIDE, JP
[71] A.K. TECHNICAL LABORATORY, INC., JP
[85] 2017-10-04
[86] 2015-08-27 (PCT/JP2015/004328)
[87] (WO2017/002150)
[30] JP (2015-131657) 2015-06-30

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[51] **Int.Cl. A61K 31/501 (2006.01) A61K 31/4184 (2006.01) A61P 35/00 (2006.01) C07D 235/06 (2006.01) C07D 417/06 (2006.01)**
[25] EN
[54] **TREATMENT OF LUNG CANCER WITH INHIBITORS OF GLUTAMINASE**
[54] **TRAITEMENT DU CANCER DU POUMON AVEC DES INHIBITEURS DE GLUTAMINASE**
[72] PARLATI, FRANESCO, US
[72] WORKS, MELISSA G., US
[72] RODRIGUEZ, MIRNA L.M., US
[72] ZHANG, DONG, US
[71] CALITHERA BIOSCIENCES, INC., US
[85] 2017-10-04
[86] 2016-04-06 (PCT/US2016/026127)
[87] (WO2016/164401)
[30] US (62/143,494) 2015-04-06
[30] US (62/149,489) 2015-04-17

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[13] A1
[51] **Int.Cl. B25H 3/02 (2006.01) B25H 1/04 (2006.01) B25H 1/12 (2006.01)**
[25] EN
[54] **PORTABLE WORKBENCH ASSEMBLY**
[54] **ENSEMBLE ETABLI PORTABLE**
[72] BRUNNER, YARON, IL
[71] KETER PLASTIC LTD., IL
[85] 2017-10-04
[86] 2016-05-04 (PCT/IL2016/050465)
[87] (WO2016/178223)
[30] US (62/156,540) 2015-05-04

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[51] **Int.Cl. A61H 15/00 (2006.01) A61H 7/00 (2006.01)**
[25] EN
[54] **BODY MASSAGING APPARATUS**
[54] **APPAREIL DE MASSAGE CORPOREL**
[72] CROSS, TERRY, US
[71] RANGE OF MOTION PRODUCTS, LLC, US
[85] 2017-10-03
[86] 2016-04-08 (PCT/US2016/026836)
[87] (WO2016/164858)
[30] US (62/144,714) 2015-04-08
[30] US (62/195,136) 2015-07-21

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[13] A1
[51] **Int.Cl. C07D 473/34 (2006.01) C07D 495/04 (2006.01) C07J 17/00 (2006.01)**
[25] EN
[54] **BIOCONJUGATES OF HETEROCYCLIC COMPOUNDS**
[54] **BIOCONJUGUES DE COMPOSES HETEROCYCLIQUES**
[72] HAO, XIUJUAN, US
[71] HUNAN SKYWORLD BIOTECHNOLOGIES CO. LTD., CN
[85] 2017-10-03
[86] 2016-04-06 (PCT/US2016/026279)
[87] (WO2016/164504)
[30] US (62/143,790) 2015-04-06
[30] US (15/091,544) 2016-04-05

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[13] A1
[51] **Int.Cl. E04B 2/88 (2006.01) A47H 1/10 (2006.01) B66C 1/66 (2006.01) E04B 1/94 (2006.01) E04G 1/14 (2006.01) F21V 21/04 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **A FACADE ELEMENT AND A RAIL FOR THE FACADE ELEMENT**
[54] **ELEMENT DE FACADE ET RAIL POUR L'ELEMENT DE FACADE**
[72] FALK, HENRIK, SE
[72] SIMLUND, DAVID, SE
[71] BRUNKEBERG SYSTEMS AB, SE
[85] 2017-10-04
[86] 2016-04-08 (PCT/SE2016/050297)
[87] (WO2016/167705)
[30] SE (1550443-4) 2015-04-13
[30] SE (1550442-6) 2015-04-13
[30] SE (1550444-2) 2015-04-13

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[13] A1
[51] **Int.Cl. H01F 38/14 (2006.01) B60L 5/00 (2006.01)**
[25] EN
[54] **COIL UNIT FOR CONTACTLESS POWER TRANSMISSION**
[54] **UNITE DE BOBINE DE TRANSMISSION D'ENERGIE SANS CONTACT**
[72] MAIKAWA, KENGO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-10-04
[86] 2015-04-08 (PCT/JP2015/060923)
[87] (WO2016/162965)

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[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01) A61B 18/18 (2006.01)**
[25] EN
[54] **POWERED SURGICAL INSTRUMENT WITH A DEPLOYABLE ABLATION CATHETER**
[54] **INSTRUMENT CHIRURGICAL ELECTRIQUE AVEC UN CATHETER D'ABLATION DEPLOYABLE**
[72] SCHMITT, JEFFREY, US
[71] COVIDIEN LP, US
[85] 2017-10-03
[86] 2016-04-13 (PCT/US2016/027185)
[87] (WO2016/168227)
[30] US (14/689,639) 2015-04-17

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[13] A1
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 31/05 (2006.01) A61K 36/185 (2006.01)**
[25] EN
[54] **ORAL SOLID CANNABINOID FORMULATIONS, METHODS FOR PRODUCING AND USING THEREOF**
[54] **FORMULATIONS ORALES SOLIDES DE CANNABINOIDES, LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] SACKS, HAGIT, IL
[72] EDVINSSON, TOMAS, CH
[71] GELPELL AG, CH
[71] SATIPHARM AG, CH
[85] 2017-10-04
[86] 2017-02-09 (PCT/IL2017/050163)
[87] (WO2017/137992)
[30] US (62/294,006) 2016-02-11
[30] US (62/431,613) 2016-12-08

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[51] **Int.Cl. H01M 8/04 (2016.01) H01M 8/18 (2006.01) H01M 10/42 (2006.01)**
[25] EN
[54] **FLOW BATTERY BALANCING CELLS HAVING A BIPOLAR MEMBRANE FOR SIMULTANEOUS MODIFICATION OF NEGATIVE AN POSITIVE ELECTROLYTE SOLUTIONS**
[54] **CELLULES D'EQUILIBRAGE DE PILE A CIRCULATION COMPORTANT UNE MEMBRANE BIPOLAIRE DESTINEE A LA MODIFICATION SIMULTANEE DE SOLUTIONS ELECTROLYTIQUES NEGATIVES OU POSITIVES**
[72] REECE, STEVEN Y., US
[72] GOELTZ, JOHN, US
[72] PIJPERS, JOSEPH JOHANNES HENRICUS, US
[72] BADRINARAYANAN, PARAVASTU, US
[71] LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC, US
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[86] 2016-04-13 (PCT/US2016/027366)
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[54] **UNITE DE BOBINE COTE SOL**
[72] NARUSE, YUJI, JP
[72] MINAGAWA, YUUSUKE, JP
[71] NISSAN MOTOR CO., LTD., JP
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[51] **Int.Cl. G08G 1/16 (2006.01)**
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[54] **TRAFFIC LIGHT DETECTION DEVICE AND TRAFFIC LIGHT DETECTION METHOD**
[54] **DISPOSITIF DE DETECTION DE FEU DE CIRCULATION ET PROCEDE DE DETECTION DE FEU DE CIRCULATION**
[72] OKI, TAKAHIKO, JP
[72] MATSUO, HARUO, JP
[72] YAMANOI, DAIKI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **DEVICE FOR INDICATING REPRODUCTIVE STATUS OF COWS**
[54] **DISPOSITIF D'INDICATION D'ETAT REPRODUCTEUR DE VACHES**
[72] SMITH, FRASER MICHAEL, NZ
[72] DINGER, BARTEL CHRISTIAAN, NZ
[72] YALLOP, MATTHEW JOHN, NZ
[71] FARMSHED LABS LIMITED, NZ
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[25] EN
[54] **CONTROL SYSTEM OF WORK MACHINE, WORK MACHINE, MANAGEMENT SYSTEM OF WORK MACHINE, AND METHOD OF MANAGING WORK MACHINE**
[54] **SYSTEME DE COMMANDE D'ENGIN DE CHANTIER, ENGIN DE CHANTIER, SYSTEME DE GESTION D'ENGIN DE CHANTIER, PROCEDE DE GESTION D'ENGIN DE CHANTIER**
[72] SAKAI, ATSUSHI, JP
[72] TOJIMA, MASANORI, JP
[71] KOMATSU LTD., JP
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR INCREASING, OR PREVENTING OR REVERSING LOSS OF, SKIN PIGMENTATION IN A MAMMALIAN SUBJECT**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AUGMENTER, DE PREVENIR OU D'INVERSER L'ABSENCE DE PIGMENTATION DE LA PEAU CHEZ UN SUJET MAMMIFERE**
[72] RIDKY, TODD, US
[72] NATALE, CHRIS, US
[72] WINKLER, JEFFREY, US
[72] COOKSON, ROSA ELLEN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2017-10-04
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[87] (WO2016/164450)
[30] US (62/143,597) 2015-04-06
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[25] EN
[54] **SHEET MATERIAL END DETECTION MECHANISM, ROLL BODY, AND METHOD FOR PRODUCING ROLL BODY**
[54] **MECANISME DE DETECTION D'EPUISEMENT DE MATERIAU EN FEUILLE, ROULEAU ET PROCEDE DE PRODUCTION DE ROULEAU**
[72] YAMAMOTO, YOSHIHIRO, JP
[71] TAKAZONO TECHNOLOGY INCORPORATED, JP
[85] 2017-10-04
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[25] EN
[54] **SHEET MATERIAL END DETECTION MECHANISM, ROLL BODY, AND METHOD FOR PRODUCING ROLL BODY**
[54] **MECANISME DE DETECTION D'EPUISEMENT DE MATERIAU EN FEUILLE, ROULEAU ET PROCEDE DE PRODUCTION DE ROULEAU**
[72] YAMAMOTO, YOSHIHIRO, JP
[71] TAKAZONO TECHNOLOGY INCORPORATED, JP
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[25] EN
[54] **METHOD FOR AUTHENTICATION AND ASSURING COMPLIANCE OF DEVICES ACCESSING EXTERNAL SERVICES**
[54] **PROCEDE POUR AUTHENTIFIER ET GARANTIR LA CONFORMITE DE DISPOSITIFS ACCEDANT A DES SERVICES EXTERNES**
[72] GOLDSCHLAG, DAVID, US
[72] DAHL, ERIC, US
[72] TARNAVSKY, VADIM, US
[71] GOLDSCHLAG, DAVID, US
[71] DAHL, ERIC, US
[71] TARNAVSKY, VADIM, US
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[25] EN
[54] **SINGLE-ARM TYPE I AND TYPE II RECEPTOR FUSION PROTEINS AND USES THEREOF**
[54] **PROTEINES DE FUSION DE RECEPTEUR TYPE I ET TYPE II A BRAS UNIQUE ET LEURS UTILISATIONS**
[72] KUMAR, RAVINDRA, US
[72] GRINBERG, ASYA, US
[72] SAKO, DIANNE S., US
[71] ACCELERON PHARMA INC., US
[85] 2017-10-04
[86] 2016-04-06 (PCT/US2016/026275)
[87] (WO2016/164501)
[30] US (62/143,579) 2015-04-06
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[13] A1
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[25] EN
[54] **SHOCK AND VIBRATION RESISTANT BULKHEAD CONNECTOR**
[54] **RACCORD DE TRAVERSEE DE CLOISON RESISTANT AUX CHOCS ET AUX VIBRATIONS**
[72] LERNER, DANIEL MAURICE, US
[72] ORBAN, ANDRE, US
[72] LERNER, ANDREW, US
[71] AOI (ADVANCED OILFIELD INNOVATIONS, INC), US
[71] LERNER, DANIEL MAURICE, US
[71] ORBAN, ANDRE, US
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[86] 2014-12-05 (PCT/US2014/068850)
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[25] EN
[54] **CONDITION BASED MAINTENANCE PROGRAM BASED ON LIFE-STRESS ACCELERATION MODEL AND CUMULATIVE DAMAGE MODEL**
[54] **PROGRAMME DE MAINTENANCE CONDITIONNELLE BASE SUR UN MODELE D'ACCELERATION DES CONTRAINTES LIEES A LA DUREE DE VIE ET D'UN MODELE D'ENDOMMAGEMENTS CUMULES**
[72] JACKS, CURTIS, US
[72] BURKE, KEELEY, GB
[72] CHEN, WANYING, SG
[71] HALLIBURTON ENERGY SERVICES INC., US
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[13] A1
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[25] EN
[54] **CONSTANT-VELOCITY JOINT WITH SURFACE CONTACT FORKS**
[54] **JOINT HOMOCINETIQUE DOTE DE FOURCHETTES A CONTACT DE SURFACE**
[72] SONAR, SANDIP SATISH, CA
[72] SADABADI, HAMID, CA
[72] ROY CHOUDHURY, NEIL, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. B66C 1/66 (2006.01) E04B 2/88 (2006.01) E04G 21/16 (2006.01)**
[25] EN
[54] **A LIFTING JIG FOR LIFTING ELEMENTS ALONG THE FAGADE OF A BUILDING**
[54] **GABARIT DE LEVAGE PERMETTANT DE LEVER DES ELEMENTS LE LONG DE LA FACADE D'UN BATIMENT**
[72] FALK, HENRIK, SE
[72] SIMLUND, DAVID, SE
[72] SANDSTROM, PETER, SE
[71] BRUNKEBERG SYSTEMS AB, SE
[85] 2017-10-04
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[25] EN
[54] **FLOW BATTERY BALANCING CELLS HAVING A BIPOLAR MEMBRANE AND METHODS FOR USE THEREOF**
[54] **CELLULES D'EQUILIBRAGE DE BATTERIE A CIRCULATION COMPORTANT UNE MEMBRANE BIPOLAIRE, ET LEURS PROCEDES D'UTILISATION**
[72] REECE, STEVEN Y., US
[71] LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR CHARACTERIZING MATERIALS EXTERNAL OF A CASING**
[54] **SYSTEMES ET PROCEDES DE CARACTERISATION DE MATERIAUX EXTERNES A UN TUBAGE DE PUITS**
[72] WILSON, GLENN A., SG
[72] DONDERICI, BURKAY, US
[72] CHIA, YAN-WAH M., SG
[72] RAVI, KRISHNA M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **DETONATING CORD RETAINING DEVICE**
[54] **DISPOSITIF DE RETENUE DE CORDEAU DETONANT**
[72] COLLINS, WILLIAM R., US
[72] MCDONALD, DEBRA CHRISTINE, US
[72] WILSON, SHANE MATTHEW, US
[72] ACEVEDO, ISAIAH, US
[71] HUNTING TITAN, INC., US
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[86] 2016-04-14 (PCT/US2016/027580)
[87] (WO2016/168491)
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[51] **Int.Cl. B60T 17/16 (2006.01)**
[25] EN
[54] **AUTOMATIC PARKING BRAKE FOR TRUCK MOUNTED BRAKE CYLINDER**
[54] **FREIN DE STATIONNEMENT AUTOMATIQUE POUR CYLINDRE DE FREIN MONTE SUR CAMION**
[72] HUBER, HOWARD, JR., US
[72] PARNAPY, KEITH, US
[72] NEULIEB, ROBERT, US
[71] NEW YORK AIR BRAKE LLC, US
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[54] **PLANT YIELD BENEFITS BY MICROBIALS**
[54] **BENEFICES SUR LE RENDEMENT DE PLANTES APPORTES PAR DES MICROBES**
[72] FABBRI, BRADON JAMES, US
[72] FERREIRA, KEN, US
[72] KEROVUO, JANNE, US
[72] MCCOWN, MATTHEW, US
[72] MOHANTY, RADHA G., US
[72] SCHAECHER, SCOTT R., US
[71] MONSANTO TECHNOLOGY LLC, US
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[51] **Int.Cl. A01H 5/00 (2006.01) A01H 1/02 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING CANOLA PLANTS WITH CLUBROOT RESISTANCE AND COMPOSITIONS THEREOF**
[54] **PROCEDES DE PRODUCTION DE PLANTES DE COLZA RESISTANTES CONTRE LA HERNIE ET COMPOSITIONS ASSOCIEES**
[72] CHRISTIANSON, JED A., US
[72] COULIBALY, ISSA, US
[72] NINO-LIU, DAVID O., US
[72] WU, CHUNREN X., US
[71] MONSANTO TECHNOLOGY LLC, US
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[51] **Int.Cl. A61K 38/08 (2006.01) C07K 7/06 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **ADIPONECTIN PEPTIDOMIMETICS FOR TREATING OCULAR DISORDERS**
[54] **PEPTIDOMIMETIQUES DE L'ADIPONECTINE POUR LE TRAITEMENT DE TROUBLES OCULAIRES**
[72] HSU, HENRY, US
[71] ALLYSTA PHARMACEUTICALS, INC., US
[85] 2017-10-03
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[25] EN
[54] **SURGICAL STAPLER WITH INTEGRATED BLADDER**
[54] **AGRAFEUSE CHIRURGICALE A VESSIE INTEGREE**
[72] GLEIMAN, SETH, US
[72] CENICCOLA, ANTHONY, US
[72] HODGKINSON, GERALD, US
[72] SCHMITT, JEFFREY, US
[72] SNOW, JOSHUA, US
[72] RACENET, DAVID, US
[72] CHOWANIEC, MATTHEW, US
[71] COVIDIEN LP, US
[85] 2017-10-03
[86] 2016-04-07 (PCT/US2016/026334)
[87] (WO2016/164519)
[30] US (62/145,930) 2015-04-10
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[13] A1
[51] **Int.Cl. F04D 29/44 (2006.01) F04D 1/08 (2006.01) F04D 13/10 (2006.01)**
[25] EN
[54] **ELECTRIC SUBMERSIBLE PUMP**
[54] **POMPE SUBMERSIBLE ELECTRIQUE**
[72] REED, STEWART DAROLD, US
[72] ZHENG, DEZHI, US
[72] RUAN, JIABIAO, US
[72] BATRES, MARVIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **LEACH AID FOR METAL RECOVERY**
[54] **AIDE A LA LIXIVIATION POUR LA RECUPERATION DE METAUX**
[72] MUJICIC, VLADIMIR, RS
[72] COLEMAN, KIM, US
[72] O'BRIEN, KEVIN, US
[71] ECOLAB USA INC., US
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[86] 2016-04-07 (PCT/US2016/026474)
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[51] **Int.Cl. C07K 14/71 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 13/12 (2006.01) A61P 19/08 (2006.01) A61P 21/06 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **ALK4:ACTRIIB HETEROMULTIMERS AND USES THEREOF**
[54] **HETEROMULTIMERES ALK4:ACTRIIB ET LEURS UTILISATIONS**
[72] KUMAR, RAVINDRA, US
[72] GRINBERG, ASYA, US
[72] SAKO, DIANNE S., US
[72] PEARSALL, ROBERT SCOTT, US
[72] CASTONGUAY, ROSELYNE, US
[71] ACCELERON PHARMA INC., US
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[86] 2016-04-06 (PCT/US2016/026269)
[87] (WO2016/164497)
[30] US (62/143,579) 2015-04-06
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[51] **Int.Cl. A63F 5/00 (2006.01)**
[25] EN
[54] **WHEEL GAME APPARATUS AND WAGERING GAME METHODS**
[54] **APPAREIL DE JEU A ROULETTE ET PROCEDES DE JEU DE PARI**
[72] FITOUSSI, RICHAR, US
[71] FITOUSSI, RICHAR, US
[85] 2017-10-03
[86] 2016-04-07 (PCT/US2016/026543)
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[30] US (62/144,307) 2015-04-07
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[51] **Int.Cl. C07K 14/71 (2006.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 3/04 (2006.01) A61P 13/12 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **ALK7:ACTRIIB HETEROMULTIMERS AND USES THEREOF**
[54] **HETEROMULTIMERES ALK7:ACTRIIB ET LEURS UTILISATIONS**
[72] KNOPF, JOHN, US
[72] KUMAR, RAVINDRA, US
[72] GRINBERG, ASYA, US
[72] SAKO, DIANNE S., US
[72] PEARSALL, ROBERT SCOTT, US
[72] CASTONGUAY, ROSELYNE, US
[72] LI, GANG, US
[72] DAGON, YOSSI, US
[71] ACCELERON PHARMA INC., US
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[86] 2016-04-06 (PCT/US2016/026277)
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[30] US (62/143,579) 2015-04-06

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[51] **Int.Cl. E04H 12/18 (2006.01) B60Q 1/24 (2006.01) B60Q 1/26 (2006.01) B66F 3/28 (2006.01) B66F 11/00 (2006.01)**
[25] EN
[54] **PNEUMATIC NON-LOCKING LOW-PROFILE TELESCOPING MASTS**
[54] **MATS TELESCOPIQUES A PROFIL BAS SANS VERROUILLAGE PNEUMATIQUE**
[72] BLACKWELDER, PAUL BRADFORD, US
[72] YOUNG, CAMERON JAY, US
[72] DUFF, CLIFFORD, US
[71] THE WILL-BURT COMPANY, US
[85] 2017-10-04
[86] 2016-04-08 (PCT/US2016/026629)
[87] (WO2016/164716)
[30] US (62/146,087) 2015-04-10

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/7088 (2006.01) A61K 38/12 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **ANTI-SORTILIN ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-SORTILINE ET LEURS METHODES D'UTILISATION**
[72] ROSENTHAL, ARNON, US
[72] SCHWABE, TINA, US
[72] KURNELLAS, MICHAEL, US
[71] ALECTOR LLC, US
[85] 2017-10-04
[86] 2016-04-07 (PCT/US2016/026519)
[87] (WO2016/164637)
[30] US (62/144,270) 2015-04-07

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[51] **Int.Cl. F16J 15/06 (2006.01) B32B 27/40 (2006.01) E06B 7/22 (2006.01)**
[25] EN
[54] **A METAL MESH WITH A LOW ELECTRICAL RESISTANCE CONVERSION COATING FOR USE WITH AIRCRAFT STRUCTURES**
[54] **TREILLIS METALLIQUE COMPORTANT UN REVETEMENT DE CONVERSION A FAIBLE RESISTANCE ELECTRIQUE POUR UNE UTILISATION AVEC DES STRUCTURES D'AERONEF**
[72] BUSBY, JEFF, US
[72] BOOMER, KENT, US
[72] BOYD, MATT, US
[72] SAMUELSON, EMILY, US
[71] THE PATENT WELL LLC, US
[85] 2017-10-04
[86] 2016-04-08 (PCT/US2016/026760)
[87] (WO2016/164803)
[30] US (62/144,381) 2015-04-08

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[13] A1
[51] **Int.Cl. A61F 2/00 (2006.01) A61B 5/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR ESTABLISHING RETROGRADE CAROTID ARTERIAL BLOOD FLOW**
[54] **PROCEDES ET SYSTEMES D'ETABLISSEMENT DE FLUX SANGUIN RETROGRADE DANS L'ARTERE CAROTIDE**
[72] KUME, STEWART M., US
[72] DUONG, SIEU T., US
[72] GARRISON, MICHI E., US
[71] SILK ROAD MEDICAL, INC., US
[85] 2017-10-04
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[54] **CONDUCTOR AS A TOOL**
[54] **CONDUCTEUR EN TANT QU'OUTIL**
[72] WABNEGGER, DAVID KARL, CA
[72] O'CONNELL, DANIEL NEIL, CA
[72] PALMER, ROBERT WAYNE, US
[72] GREER, JODY MILTON, US
[71] QUANTA ASSOCIATES, L.P., US
[85] 2017-10-04
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[51] **Int.Cl. G06F 21/55 (2013.01) G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR ANALYZING SUSCEPTIBILITY TO SOCIAL ENGINEERING AND BENCHMARKING BASED ON CHARACTERIZATION ATTRIBUTE AND THEME**
[54] **SYSTEME PERMETTANT D'ANALYSER LA SENSIBILITE A L'INGENIERIE SOCIALE ET A LA REFERENCIATION SUR LA BASE D'UN ATTRIBUT DE CARACTERISATION ET D'UN THEME**
[72] CHAPMAN, MARK T., US
[71] PHISHLINE, LLC, US
[85] 2017-10-04
[86] 2016-04-14 (PCT/US2016/027481)
[87] (WO2016/168427)
[30] US (62/147,414) 2015-04-14
[30] US (62/185,299) 2015-06-26
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[51] **Int.Cl. C03C 27/12 (2006.01) B60J 1/00 (2006.01)**
[25] EN
[54] **INTERLAYER FOR LAMINATED GLASS AND LAMINATED GLASS**
[54] **COUCHE INTERMEDIAIRE POUR VERRE FEUILLETE, ET VERRE FEUILLETE**
[72] OOHIGASHI, YUJI, JP
[72] MIKAYAMA, KAORU, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-06-20
[86] 2016-03-24 (PCT/JP2016/059473)
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[30] JP (2015-074433) 2015-03-31

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[51] **Int.Cl. G01P 5/24 (2006.01)**
[25] EN
[54] **ULTRASONIC ANEMOMETER AND METHOD FOR DETERMINATION OF AT LEAST ONE COMPONENT OF A WIND VELOCITY VECTOR OR THE VELOCITY OF SOUND IN THE ATMOSPHERE**
[54] **ANEMOMETRE ULTRASONORE ET PROCEDE POUR LA DETERMINATION D'AU MOINS UNE COMPOSANTE D'UN VECTEUR DE VITESSE DU VENT OU DE LA VITESSE DU SON DANS L'ATMOSPHERE**
[72] PETERS, GERHARD, DE
[71] METEK METEOROLOGISCHE MESSTECHNIK GMBH, DE
[85] 2017-10-04
[86] 2016-04-12 (PCT/EP2016/025034)
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[25] EN
[54] **MESSAGE REPORT PROCESSING AND THREAT PRIORITIZATION**
[54] **ETABLISSEMENT DE PRIORITE DE MENACES ET DE TRAITEMENT DE RAPPORT DE MESSAGES**
[72] HIGBEE, AARON, US
[72] BELANI, ROHYT, US
[72] GREAUX, SCOTT, US
[72] GALWAY, WILLIAM, US
[72] HAGEN, DOUGLAS, US
[71] PHISHME, INC., US
[85] 2017-10-04
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[25] EN
[54] **METHODS, APPARATUS, AND SYSTEMS FOR PROVIDING NOTICE OF DIGITAL TRACKING TECHNOLOGIES IN MOBILE APPS ON MOBILE DEVICES, AND FOR RECORDING USER CONSENT IN CONNECTION WITH SAME**
[54] **PROCEDES, APPAREIL ET SYSTEMES POUR FOURNIR UNE NOTIFICATION DE TECHNOLOGIES DE SUIVI NUMERIQUE DANS DES APPLICATIONS MOBILES SUR DES DISPOSITIFS MOBILES, ET POUR ENREGISTRER UN CONSENTEMENT D'UTILISATEUR EN LIAISON AVEC CES DERNIERS**
[72] RUBACK, TODD B., US
[72] SHEPPARD, JON, US
[71] EVIDON, INC., US
[85] 2017-10-04
[86] 2016-04-11 (PCT/US2016/026994)
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[25] EN
[54] **SYSTEM AND METHOD FOR IRREVERSIBLE ELECTROPORATION WITH THERMALLY CONTROLLED ELECTRODES**
[54] **SYSTEME ET PROCEDE POUR ELECTROPORATION IRREVERSIBLE A ELECTRODES A COMMANDE THERMIQUE**
[72] GOLDBERG, S. NAHUM, US
[72] NEAL, ROBERT, US
[72] SINGLE, GORDON, US
[71] ANGIODYNAMICS, INC., US
[85] 2017-10-04
[86] 2016-04-11 (PCT/US2016/026998)
[87] (WO2016/164930)
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[30] US (62/151,513) 2015-04-23

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[25] EN
[54] **DISPLAY DEVICE AND METHOD FOR OPERATING SUCH A DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE ET SON PROCEDE DE FONCTIONNEMENT**
[72] HOMER, ALOIS, AT
[72] GAWEL, MAREK, AT
[71] NOVOMATIC AG, AT
[85] 2017-10-04
[86] 2015-11-11 (PCT/EP2015/076342)
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[25] EN
[54] **SNOWMAKING AUTOMATION SYSTEM AND MODULES**
[54] **SYSTEME ET MODULES D'AUTOMATISATION DE FABRICATION DE NEIGE ARTIFICIELLE**
[72] DODSON, MITCHELL JOE, US
[71] SNOW LOGIC, INC., US
[85] 2017-10-04
[86] 2016-04-06 (PCT/US2016/026274)
[87] (WO2016/164500)
[30] US (62/143,776) 2015-04-06
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[25] EN
[54] **MONITORING METHODS AND SYSTEMS FOR PROCESSING BIOMASS**
[54] **PROCEDES ET SYSTEMES DE SURVEILLANCE POUR TRAITEMENT DE BIOMASSE**
[72] MEDOFF, MARSHALL, US
[72] MASTERMAN, THOMAS CRAIG, US
[72] MICHAUD, DENNIS, US
[72] PALACE, GERARD, US
[71] XYLECO, INC., US
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[51] **Int.Cl. C07K 16/28 (2006.01)**
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[54] **ANTI-VEGFR2 HUMAN ANTIBODY FOR ANTI-ANGIOGENIC AND TARGETED CANCER THERAPY**
[54] **ANTICORPS HUMAIN ANTI-VEGFR2 POUR TRAITEMENT ANTI-ANGIOGENIQUE ET ANTICANCEREUX CIBLE**
[72] WU, HAN-CHUNG, TW
[72] LU, RUEI-MIN, TW
[72] CHIU, CHIUNG-YI, TW
[72] LIU, I-JU, TW
[72] CHANG, YU-LING, TW
[71] ACADEMIA SINICA, TW
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[54] **LOCKING FASTENER WITH DEFLECTABLE LOCK**
[54] **ELEMENT DE FIXATION A VERROUILLAGE COMPRENANT UN VERROU POUVANT ETRE FLECHI**
[72] MOORE, WARREN, US
[72] HESS, HAROLD, US
[72] HOCKENHULL, TRACY, US
[71] ENDURALOCK, LLC, US
[85] 2017-10-04
[86] 2016-04-15 (PCT/US2016/027744)
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[54] **KSR ANTAGONISTS**
[54] **ANTAGONISTES DE LA KINASE KSR**
[72] DAR, ARVIN, US
[72] DHAWAN, NEIL, US
[72] SCOPTON, ALEX P., US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
[85] 2017-10-04
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[25] EN
[54] **OPHTHALMIC LENS WITH GRADED MICROLENSES**
[54] **LENTILLE OPHTALMIQUE A MICROLENTILLES A GRADIENT**
[72] MARSHALL, MICHAEL L., US
[72] OROZCO RODRIGUEZ, JOSE A., US
[72] BLACKER, RICHARD, US
[71] VISION EASE, LP, US
[85] 2017-10-04
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[54] **ONBOARDING OF MOBILE-WALLET DATASETS**
[54] **TELECHARGEMENT D'ENSEMBLES DE DONNEES DE PORTEFEUILLE MOBILE**
[72] HARTUNG, DOUGLAS K., US
[72] WATSON, DEVON R., US
[72] SHIMEK, GREGORY R., US
[72] GANGER, GARY A., US
[71] DIEBOLD NIXDORF, INCORPORATED, US
[85] 2017-10-04
[86] 2016-04-22 (PCT/US2016/028930)
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[30] US (62/151,770) 2015-04-23

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[51] **Int.Cl. B25J 15/12 (2006.01) B25J 9/06 (2006.01) B25J 9/14 (2006.01) B25J 15/08 (2006.01)**
[25] EN
[54] **ENHANCEMENT OF SOFT ROBOTIC GRIPPERS THROUGH INTEGRATION OF STIFF STRUCTURES**
[54] **AMELIORATION D'OUTILS DE PREHENSION ROBOTIQUES SOUPLES PAR L'INTEGRATION DE STRUCTURES RIGIDES**
[72] LESSING, JOSHUA A., US
[72] KNOPF, RYAN R., US
[72] HARBURG, DANIEL V., US
[72] VAUSE, CARL E., US
[71] SOFT ROBOTICS, INC., US
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[25] EN
[54] **HIGH-PERFORMANCE TEXTURED COATING**
[54] **REVETEMENT TEXTURE A HAUTE PERFORMANCE**
[72] SOWINS, JONATHAN, US
[72] ROGOZINSKI, JEFFREY D., US
[72] BRONK, JOHN M., US
[72] KIRKWOOD, KEITH M., US
[72] POLANCE, ROBERT G., US
[71] VALSPAR SOURCING, INC., US
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[51] **Int.Cl. B22F 1/00 (2006.01) B22F 5/00 (2006.01) E21B 10/42 (2006.01) E21B 10/54 (2006.01)**
[25] EN
[54] **REINFORCEMENT MATERIAL BLENDS WITH A SMALL PARTICLE METALLIC COMPONENT FOR METAL-MATRIX COMPOSITES**
[54] **MELANGES DE MATERIAUX DE RENFORCEMENT COMPORTANT UN COMPOSANT METALLIQUE A PETITES PARTICULES POUR DES COMPOSITES DE MATRICES METALLIQUES**
[72] THOMAS, JEFFREY G., US
[72] OLSEN, GARRETT T., US
[72] MURCHIE, ALEC C., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-10-04
[86] 2016-05-18 (PCT/US2016/033047)
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[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR DISTRIBUTING DATA WITH MULTI-TIERED ENCODING**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES PERMETTANT DE DISTRIBUER DES DONNEES AVEC UN ENCODAGE MULTINIVEAU**
[72] SZE, DAVID PUI KEUNG, CA
[72] SMITH, CAMERON KENNETH, CA
[72] SCHNEIDER, ANTHONY TODD, CA
[72] FRUSINA, BOGDAN, CA
[71] DEJERO LABS INC., CA
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[86] 2016-04-08 (PCT/CA2016/050410)
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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 34/10 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SYSTEM FOR RESEALING BOREHOLE ACCESS**
[54] **SYSTEME POUR REFERMER L'ACCES D'UN TROU DE FORAGE**
[72] STYLER, GRAHAM, CA
[72] MACMILLAN, GAVIN, GB
[71] DRECO ENERGY SERVICES ULC, CA
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[86] 2016-04-08 (PCT/CA2016/050409)
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[30] US (14/681,681) 2015-04-08

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[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **PIXEL CELL CIRCUIT AND IMPLANT**
[54] **CIRCUIT DE CELLULES DE PIXEL ET IMPLANT**
[72] MATOLIN, DANIEL, GB
[72] POSCH, CHRISTOPH, AT
[72] BENOSMAN, BENJAMIN RYAD, FR
[71] PIXIUM VISION, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS -, FR
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[51] **Int.Cl. A01G 31/00 (2006.01) A01K 63/00 (2017.01)**
[25] EN
[54] **VERTICAL INDOOR ECO-SYSTEM**
[54] **ECOSYSTEME VERTICAL A L'INTERIEUR**
[72] FUNG, PHILEMON FUNG SANG, CA
[71] FUNG, PHILEMON FUNG SANG, CA
[85] 2017-10-05
[86] 2016-04-11 (PCT/CA2016/000105)
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[30] GB (1506059.3) 2015-04-09

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[51] **Int.Cl. B67D 1/00 (2006.01) A47J 31/00 (2006.01) A47J 31/41 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSER FOR PREPARING LAYERED BEVERAGES**
[54] **DISTRIBUTEUR DE BOISSON POUR PREPARER DES BOISSONS SUPERPOSEES**
[72] DUBIEF, FLAVIEN, CH
[72] PERRIN, ALEXA, CH
[71] NESTEC S.A., CH
[85] 2017-10-05
[86] 2016-04-07 (PCT/EP2016/057655)
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[30] EP (15164517.3) 2015-04-21

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[51] **Int.Cl. B67D 1/00 (2006.01) A47J 31/00 (2006.01) A47J 31/41 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSER FOR PREPARING LAYERED BEVERAGES**
[54] **DISTRIBUTEUR DE BOISSON POUR LA PREPARATION DE BOISSONS EN COUCHES**
[72] DUBIEF, FLAVIEN, CH
[72] PERRIN, ALEXA, CH
[71] NESTEC S.A., CH
[85] 2017-10-05
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[51] **Int.Cl. H04N 19/176 (2014.01) H04N 19/593 (2014.01)**
[25] EN
[54] **METHODS OF CONSTRAINED INTRA BLOCK COPY FOR REDUCING WORST CASE BANDWIDTH IN VIDEO CODING**
[54] **PROCEDES DE COPIE INTRA-BLOC CONTRAINTE POUR REDUIRE LA BANDE PASSANTE DANS LE CAS LE PLUS DEFAVORABLE EN CODAGE VIDEO**
[72] CHUANG, TZU-DER, CN
[72] LIU, SHAN, US
[72] XU, XIAOZHONG, US
[71] MEDIATEK INC., CN
[85] 2017-10-05
[86] 2016-04-13 (PCT/CN2016/079191)
[87] (WO2016/165623)
[30] US (62/146,533) 2015-04-13
[30] US (62/160,831) 2015-05-13
[30] US (62/183,262) 2015-06-23
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[51] **Int.Cl. F03B 13/14 (2006.01) F03G 7/08 (2006.01)**
[25] EN
[54] **WAVE ENERGY CONVERSION APPARATUS**
[54] **APPAREIL DE CONVERSION DE L'ENERGIE DES VAGUES**
[72] HAAHEIM, OYVIND, NO
[71] HAAHEIM INVENT, NO
[85] 2017-10-05
[86] 2015-04-15 (PCT/EP2015/058166)
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[30] EP (14164860.0) 2014-04-16

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[51] **Int.Cl. B64D 27/24 (2006.01) B64D 29/00 (2006.01) B64D 33/00 (2006.01)**
[25] EN
[54] **ROTATIONAL DUCTED FAN (RDF) PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION A SOUFFLANTE CARENEE ROTATIVE (RDF)**
[72] SAMUELSON, DEVIN G., US
[71] SAMUELSON, DEVIN G., US
[85] 2017-10-05
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[51] **Int.Cl. A45D 40/30 (2006.01)**
[25] EN
[54] **METHOD OF USING A COSMETIC MASCARA AND FIBER**
[54] **PROCEDE D'UTILISATION DE MASCARA COSMETIQUE, ET FIBRE**
[72] SIDDIQUI, MUKHTAR, US
[71] YOUNIQUE, LLC, US
[85] 2017-10-05
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[25] EN
[54] **PACKING ELEMENT BACK-UP SYSTEM INCORPORATING IRIS MECHANISM**
[54] **SYSTEME DE BLOCAGE D'ELEMENT DE GARNITURE D'ETANCHEITE INCORPORANT UN MECANISME A IRIS**
[72] MACDONALD, LORN SCOTT, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-10-05
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[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/1495 (2006.01) A61M 5/172 (2006.01) G01N 33/487 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **MEASUREMENT SYSTEM FOR MEASURING THE CONCENTRATION OF AN ANALYTE WITH A SUBCUTANEOUS ANALYTE SENSOR**
[54] **SYSTEME DE MESURE POUR MESURER LA CONCENTRATION D'UN ANALYTE AVEC UN CAPTEUR D'ANALYTE SOUS-CUTANE**
[72] RIEBEL, STEFAN, DE
[72] SCHWENKER, KAI-OLIVER, DE
[72] SCHMITZ, RALF, DE
[72] MUEGLITZ, CARSTEN, DE
[72] EISSENLOEFFEL, THOMAS, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[51] **Int.Cl. A61B 3/16 (2006.01)**
[25] EN
[54] **OPTICAL INSTRUMENT**
[54] **INSTRUMENT OPTIQUE**
[72] MCCAFFERTY, SEAN J., US
[71] CATS TONOMETER LLC, US
[85] 2017-10-05
[86] 2015-08-27 (PCT/US2015/047134)
[87] (WO2016/167827)
[30] US (62/148,048) 2015-04-15

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[13] A1
[51] **Int.Cl. E01C 13/06 (2006.01) C08L 75/04 (2006.01) E01C 19/17 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR PRODUCING A POLYURETHANE SPORTS FLOORING**
[54] **PROCEDE, APPAREIL ET SYSTEME DE PRODUCTION D'UN REVETEMENT DE SOL SPORTIF EN POLYURETHANE**
[72] SICK, STEPHAN, DE
[72] FINDER, ZDENKA, DE
[72] LOHR, IVO, DE
[71] POLYTEX SPORTBELAGE PRODUKTIONS-GMBH, DE
[85] 2017-10-05
[86] 2017-03-02 (PCT/EP2017/054946)
[87] (WO2017/153258)
[30] EP (16159887.5) 2016-03-11

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[13] A1
[51] **Int.Cl. G05B 19/10 (2006.01)**
[25] EN
[54] **RESTRICTING MOVEMENT OF A MOBILE ROBOT DURING AUTONOMOUS FLOOR CLEANING WITH A REMOVABLE PAD**
[54] **LIMITATION DE MOUVEMENT D'UN ROBOT MOBILE PENDANT UN NETTOYAGE DE SOL AUTONOME AVEC UN TAMPON AMOVIBLE**
[72] WILLIAMS, MARCUS, US
[72] LU, PING-HONG, US
[72] JOHNSON, JOSEPH, US
[71] IROBOT CORPORATION, US
[85] 2017-10-05
[86] 2015-11-18 (PCT/US2015/061283)
[87] (WO2016/164071)
[30] US (14/682,658) 2015-04-09

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[13] A1
[51] **Int.Cl. G01S 17/89 (2006.01) G01S 7/481 (2006.01)**
[25] EN
[54] **LONG RANGE STEERABLE LIDAR SYSTEM**
[54] **SYSTEME LIDAR ORIENTABLE A LONGUE PORTEE**
[72] DROZ, PIERRE-YVES, US
[72] PENNECOT, GAETAN, US
[72] LEVANDOWSKI, ANTHONY, US
[72] ULRICH, DREW EUGENE, US
[72] MORRISS, ZACH, US
[72] WACHTER, LUKE, US
[72] IORDACHE, DOREL IONUT, US
[72] MCCANN, WILLIAM, US
[72] GRUVER, DANIEL, US
[72] FIDRIC, BERNARD, US
[72] LENIUS, SAMUEL WILLIAM, US
[71] WAYMO LLC, US
[85] 2017-10-05
[86] 2016-03-09 (PCT/US2016/021542)
[87] (WO2016/164131)
[30] US (14/679,683) 2015-04-06

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[13] A1
[51] **Int.Cl. G09B 21/00 (2006.01)**
[25] EN
[54] **COMMUNICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION**
[72] BRAZAS, MEGAN, US
[72] BRAZAS, BRUCE, US
[71] BRAZAS, MEGAN, US
[71] BRAZAS, BRUCE, US
[85] 2017-10-05
[86] 2016-03-21 (PCT/US2016/023347)
[87] (WO2016/164159)
[30] US (62/143,881) 2015-04-07

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[13] A1
[51] **Int.Cl. E21B 33/129 (2006.01) E21B 23/08 (2006.01) E21B 33/12 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **POSITIVE LOCATING FEATURE OF OPTIPORT**
[54] **DISPOSITIF DE LOCALISATION POSITIVE OPTIPORT**
[72] BECKETT, IAN, US
[72] CASTRO, LUIS A., US
[72] THACKER, CHRISTOPHER W., US
[72] HARPER, JASON M., US
[72] CARRIERE, MARC, CA
[72] THORNE, LEIGH, CA
[72] KOCH, JEFFREY, CA
[72] REYES, JUSTIN, US
[72] COLLAS, BRADLEY, CA
[72] CASEMORE, CORY, CA
[72] LUFT, DAVID, CA
[72] ZOLKAVICH, OREST, CA
[72] BROWN, DEREK ROBERT, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-10-05
[86] 2016-04-04 (PCT/US2016/025879)
[87] (WO2016/164307)
[30] US (14/684,010) 2015-04-10

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[13] A1
[51] **Int.Cl. B65D 88/12 (2006.01) B60P 7/13 (2006.01) B65D 90/00 (2006.01)**
[25] EN
[54] **CONTAINER-SECURING DEVICE**
[54] **DISPOSITIF DE FIXATION DE RECIPIENT**
[72] TAKAGUCHI, HIROYUKI, JP
[71] MINATO SEIKI IRON WORKS CO., LTD., JP
[85] 2017-10-05
[86] 2015-04-09 (PCT/JP2015/061148)
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[51] **Int.Cl. A45C 11/00 (2006.01) A45C 13/10 (2006.01) H04M 1/18 (2006.01)**
[25] EN
[54] **PROTECTIVE FOLIO CASE FOR AN ELECTRONIC DEVICE**
[54] **ETUI DE PROTECTION A RABAT POUR DISPOSITIF ELECTRONIQUE**
[72] LAY, CARLTON R., US
[72] HAVENS, ADAM J., US
[72] GRONEWOLLER, PETER J., US
[72] WELLER, LUCAS B., US
[72] GATES, LEE B., US
[71] OTTER PRODUCTS, LLC, US
[85] 2017-10-05
[86] 2016-04-05 (PCT/US2016/026017)
[87] (WO2016/164350)
[30] US (62/144,362) 2015-04-08
[30] US (62/275,538) 2016-01-06
[30] US (15/089,512) 2016-04-02

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[13] A1
[51] **Int.Cl. B26B 13/12 (2006.01) B26B 13/14 (2006.01)**
[25] FR
[54] **PAIR OF SCISSORS, PARTICULARLY FOR CUTTING HAIR**
[54] **PAIRE DE CISEAUX, NOTAMMENT POUR LA COUPE DE CHEVEUX**
[72] GANDON, JULIEN, FR
[71] NOVACOIFF, FR
[85] 2017-10-05
[86] 2016-04-04 (PCT/FR2016/050762)
[87] (WO2016/162621)
[30] FR (1552948) 2015-04-07

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[51] **Int.Cl. E21B 44/00 (2006.01)**
[25] EN
[54] **RIG CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D'UNE INSTALLATION DE FORAGE**
[72] TUNC, GOKTURK, US
[72] ZHENG, SHUNFENG, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-10-05
[86] 2016-04-06 (PCT/US2016/026177)
[87] (WO2016/164434)
[30] US (62/143,442) 2015-04-06
[30] US (14/788,124) 2015-06-30

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[13] A1
[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DECENTRALIZED TITLE RECORDATION AND AUTHENTICATION**
[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT ET D'AUTHENTIFICATION DE TITRE DECENTRALISE**
[72] MOSS-PULTZ, SEAN, US
[72] ALT, CASEY, TW
[72] HALL, CHRISTOPHER, TW
[72] CUONG, LE QUY QUOC, TW
[72] WANG, YU-CHIANG FRANK, TW
[72] LIN, TZU-YUN EDDIE, TW
[71] BITMARK, INC., TW
[71] MOSS-PULTZ, SEAN, US
[85] 2017-10-05
[86] 2016-04-06 (PCT/US2016/026266)
[87] (WO2016/164496)
[30] US (62/143,771) 2015-04-06
[30] US (62/195,238) 2015-07-21

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[13] A1
[51] **Int.Cl. B61G 3/04 (2006.01) B61G 3/06 (2006.01)**
[25] EN
[54] **RAILCAR COUPLER**
[54] **ATTELAGE DE WAGON PORTE-RAILS**
[72] MANIBHARATHI, ROSHAN N., US
[72] SMERECKY, JERRY R., US
[72] NIBOUAR, F. ANDREW, US
[72] HUDSON, COREY M., US
[71] BEDLOE INDUSTRIES LLC, US
[85] 2017-10-05
[86] 2016-04-06 (PCT/US2016/026197)
[87] (WO2016/164448)
[30] US (14/679,709) 2015-04-06

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[13] A1
[51] **Int.Cl. A63G 21/18 (2006.01)**
[25] EN
[54] **SLIDE ENTRY SYSTEM**
[54] **SYSTEME D'ENTREE DE TOBOGGAN**
[72] SCHWARTZ, JUSTIN MICHAEL, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2017-10-05
[86] 2016-04-06 (PCT/US2016/026198)
[87] (WO2016/164449)
[30] US (14/680,544) 2015-04-07

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[13] A1
[51] **Int.Cl. B29C 51/02 (2006.01) B32B 15/085 (2006.01) F24J 1/00 (2006.01)**
[25] EN
[54] **HEATER FOR THERMOFORMABLE MATERIALS**
[54] **ELEMENT CHAUFFANT POUR MATERIAUX THERMOFORMABLES**
[72] BECKERDITE, JOHN, US
[72] LAUBACH, ADAM, US
[72] MARQUEZ, DARKO, US
[72] PEDICINI, CHRISTOPHER, US
[71] RECHARGEABLE BATTERY CORPORATION, US
[85] 2017-10-05
[86] 2016-04-07 (PCT/US2016/026378)
[87] (WO2016/164540)
[30] US (62/143,889) 2015-04-07

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[13] A1
[51] **Int.Cl. B01F 11/00 (2006.01) B01L 3/00 (2006.01) B06B 1/16 (2006.01) G05D 11/04 (2006.01)**
[25] EN
[54] **HIGH THROUGHPUT SYSTEM FOR PERFORMING ASSAYS USING ELECTROCHEMILUMINESCENCE INCLUDING A CONSUMABLE SHAKING APPARATUS**
[54] **SYSTEME A HAUT RENDEMENT PERMETTANT DE REALISER DES ESSAIS PAR ELECTROCHIMIOLUMINESCENCE COMPRENANT UN AGITATEUR SECOUEUR CONSOMMABLE**
[72] GLEZER, ELI N., US
[72] EDENS, CARL, US
[72] JEFFREY-COKER, BANDELE, US
[72] KOVACS, SANDOR, US
[72] FRYE, CHRISTOPHER, US
[71] MESO SCALE TECHNOLOGIES, LLC., US
[85] 2017-10-05
[86] 2016-04-06 (PCT/US2016/026242)
[87] (WO2016/164477)
[30] US (62/143,557) 2015-04-06
[30] US (62/311,752) 2016-03-22

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[13] A1
[51] **Int.Cl. C07H 21/00 (2006.01) C12N 15/113 (2010.01) C12N 15/11 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR CORRECTING LIMB GIRDLE MUSCULAR DYSTROPHY TYPE 2C USING EXON SKIPPING**
[54] **COMPOSITIONS ET METHODES DE CORRECTION DE LA DYSTROPHIE MUSCULAIRE DES CEINTURES DE TYPE 2C PAR SAUT D'EXON**
[72] MCNALLY, ELIZABETH, US
[72] WYATT, EUGENE, US
[71] THE UNIVERSITY OF CHICAGO, US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2017-10-05
[86] 2016-04-07 (PCT/US2016/026477)
[87] (WO2016/164602)
[30] US (62/144,712) 2015-04-08

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[13] A1
[51] **Int.Cl. F41H 5/04 (2006.01) F41H 5/007 (2006.01)**
[25] EN
[54] **ARMOUR SYSTEM WITH PROJECTILE YAW ANGLE GENERATING LAYER**
[54] **SYSTEME DE BLINDAGE A COUCHE DE PRODUCTION D'ANGLE DE LACET DE PROJECTILE**
[72] CARTON, ERIK PETER, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
[85] 2017-10-05
[86] 2016-04-13 (PCT/NL2016/050258)
[87] (WO2016/167654)
[30] EP (15075023.0) 2015-04-13

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[13] A1
[51] **Int.Cl. A23C 9/14 (2006.01) A23C 21/00 (2006.01) A61K 31/702 (2006.01) A61K 35/20 (2006.01)**
[25] EN
[54] **HUMAN MILK COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS DE LAIT HUMAIN ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI**
[72] ELSTER, SCOTT, US
[72] FOURNELL, JOSEPH, US
[71] PROLACTA BIOSCIENCE, INC., US
[85] 2017-10-05
[86] 2016-04-15 (PCT/US2016/027893)
[87] (WO2016/168698)
[30] US (62/148,024) 2015-04-15

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[13] A1
[51] **Int.Cl. B29C 49/48 (2006.01) B29C 45/78 (2006.01) B29C 49/06 (2006.01) B29C 49/12 (2006.01)**
[25] EN
[54] **INJECTION MOLD FOR INJECTION STRETCH BLOW MOLDING MACHINE, METHOD FOR MOLDING PREFORM, PREFORM, METHOD FOR MORLDING CONTAINER, AND CONTAINER**
[54] **MOULE DE MOULAGE PAR INJECTION POUR MACHINE DE MOULAGE PAR INJECTION-SOUFFLAGE AVEC BI-ETIRAGE, PROCEDE DE MOULAGE D'UN PREFORME, PREFORME, ET PROCEDE DE MOULAGE D'UN RECIPIENT, ET RECIPIENT**
[72] AOKI, SHIGETO, JP
[71] A.K. TECHNICAL LABORATORY, INC., JP
[85] 2017-10-05
[86] 2016-06-13 (PCT/JP2016/002855)
[87] (WO2017/098673)
[30] JP (2015-242217) 2015-12-11
[30] JP (2016-105539) 2016-05-26

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[13] A1
[51] **Int.Cl. B65H 26/06 (2006.01) B65B 41/00 (2006.01)**
[25] EN
[54] **SHEET MATERIAL END DETECTION MECHANISM, ROLL BODY, AND METHOD FOR PRODUCING ROLL BODY**
[54] **MECANISME DE DETECTION D'EPUISEMENT DE MATERIAU EN FEUILLE, ROULEAU ET PROCEDE DE PRODUCTION DE ROULEAU**
[72] YAMAMOTO, YOSHIHIRO, JP
[71] TAKAZONO TECHNOLOGY INCORPORATED, JP
[85] 2017-10-05
[86] 2016-04-07 (PCT/JP2016/061351)
[87] (WO2016/163440)
[30] JP (2015-080085) 2015-04-09

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[13] A1
[51] **Int.Cl. B60P 1/44 (2006.01)**
[25] EN
[54] **SYSTEM FOR ACCOMMODATING OBJECTS**
[54] **SYSTEME DE RECEPTION D'OBJETS**
[72] LUDEWIGT, THOMAS, DE
[72] DELVENTHAL, ANDRE, DE
[72] WILL, LENNART, DE
[71] PRO4INNOVATION UG, DE
[85] 2017-10-05
[86] 2016-04-08 (PCT/EP2016/057805)
[87] (WO2016/162508)
[30] DE (10 2015 004 394.3) 2015-04-10

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[13] A1
[51] **Int.Cl. A61M 5/158 (2006.01)**
[25] EN
[54] **MICRONEEDLES AND METHODS OF MANUFACTURE THEREOF**
[54] **MICRO-AIGUILLES ET LEURS PROCEDES DE FABRICATION**
[72] MCALLISTER, DEVIN, US
[72] PRAUSNITZ, MARK, US
[72] HENRY, SEBASTIEN, US
[72] GUO, XIN DONG, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2017-10-05
[86] 2015-04-24 (PCT/US2015/027672)
[87] (WO2015/164840)
[30] US (61/983,593) 2014-04-24

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[13] A1
[51] **Int.Cl. B05D 5/00 (2006.01)**
[25] EN
[54] **AUTOMATED SPECIMEN DEPOSITION SYSTEMS AND ASSOCIATED METHODS**
[54] **SYSTEMES DE DEPOT D'ECHANTILLON AUTOMATISE ET PROCEDES ASSOCIES**
[72] CZARNECKI, JAREMA, US
[72] DERBAS, JUSTIN, US
[72] ROZHOK, SERGEY, US
[72] SUBRAMANIAN, HARIHARAN, US
[72] VISWANATHAN, PARVATHI, US
[71] NANOCYTOMICS, LLC, US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2017-10-05
[86] 2016-04-06 (PCT/US2016/026174)
[87] (WO2016/164431)
[30] US (62/143,698) 2015-04-06

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **ENHANCED MULTI-LAYER CARGO SCREENING SYSTEM, COMPUTER PROGRAM PRODUCT, AND METHOD OF USING THE SAME**
[54] **SYSTEME D'INSPECTION DE CARGAISON MULTI-COUCHE AMELIORE, PRODUIT DE PROGRAMME INFORMATIQUE, ET SON PROCEDE D'UTILISATION**
[72] BALDASSARI, TONY, US
[72] STONE, HOWARD, GB
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2017-10-05
[86] 2016-04-15 (PCT/US2016/027701)
[87] (WO2016/168566)
[30] US (62/148,509) 2015-04-16

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[51] **Int.Cl. G06F 17/40 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DIGITAL SUPPLY CHAIN TRACEABILITY**
[54] **SYSTEME ET PROCEDE DESTINES A LA TRACABILITE DE CHAINE D'ALIMENTATION NUMERIQUE**
[72] RYAN, JOHN PAUL, AU
[71] AGLIVE INTERNATIONAL PTY LTD, AU
[85] 2017-10-06
[86] 2016-04-08 (PCT/AU2016/050261)
[87] (WO2016/161483)
[30] US (62/144,544) 2015-04-08

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[51] **Int.Cl. E21B 17/043 (2006.01) F16L 19/025 (2006.01)**
[25] EN
[54] **A COUPLING**
[54] **COUPLAGE**
[72] HATHERALL, MATT, AU
[71] HATHEROD PTY LTD, AU
[85] 2017-10-06
[86] 2016-04-12 (PCT/AU2016/050268)
[87] (WO2016/164973)
[30] AU (2015901325) 2015-04-14

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[51] **Int.Cl. A61G 5/02 (2006.01) A61G 5/10 (2006.01)**
[25] EN
[54] **WHEELCHAIR BRAKING AND STEERING SYSTEM**
[54] **SYSTEME DE FREINAGE ET DE DIRECTION DE FAUTEUIL ROULANT**
[72] VESCO, NEIL, US
[71] VESCO, NEIL, US
[85] 2017-10-05
[86] 2016-04-15 (PCT/US2016/027907)
[87] (WO2016/168712)
[30] US (14/688,896) 2015-04-16

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[13] A1
[51] **Int.Cl. A62C 13/76 (2006.01)**
[25] EN
[54] **EXTINGUISHER ASSEMBLY**
[54] **ENSEMBLE EXTINCTEUR**
[72] PERRY, MATTHEW, CA
[72] MCMANUS, MICHAEL, CA
[71] MEHOE ENTERPRISE INC., CA
[85] 2017-10-06
[86] 2015-04-07 (PCT/CA2015/050280)
[87] (WO2015/154180)
[30] US (61/976,122) 2014-04-07

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[13] A1
[51] **Int.Cl. B05B 1/14 (2006.01)**
[25] EN
[54] **BLOWING NOZZLE**
[54] **BUSE DE SOUFFLAGE**
[72] SINGH, AMANJOT, CA
[71] NEX FLOW AIR PRODUCTS CORP., CA
[85] 2017-10-06
[86] 2015-04-09 (PCT/CA2015/050291)
[87] (WO2016/161498)

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[13] A1
[51] **Int.Cl. C12Q 1/02 (2006.01) A61B 10/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHOD OF DIAGNOSIS OF CANCER AND USES THEREOF**
[54] **PROCEDE DE DIAGNOSTIC D'UN CANCER ET SES UTILISATIONS**
[72] ARENA, GOFFREDO ORAZIO, CA
[71] ARENA, GOFFREDO ORAZIO, CA
[85] 2017-10-06
[86] 2015-09-28 (PCT/CA2015/050968)
[87] (WO2016/161500)
[30] US (62/145,118) 2015-04-09

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[13] A1
[51] **Int.Cl. A61K 36/03 (2006.01) A23K 50/80 (2016.01) A61K 36/53 (2006.01) A61P 31/04 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **VETERINARY COMPOSITION OF MARINE ALGAE AND ANDROGRAPHIS SP EXTRACTS, WHICH CAN BE USED TO TREAT INFECTIONS IN FISH**
[54] **COMPOSITION VETERINAIRE A BASE D'EXTRAIT D'ALGUES MARINES ET D'ANDROGRAPHIS SP., UTILE POUR TRAITER UNE INFECTION CHEZ DES POISSONS**
[72] MIRANDA CAMPOS, PAULA, CL
[72] RABUCO JERALDINO, CLAUDIO, CL
[71] MAQUI NEW LIFE S.A., CL
[85] 2017-10-06
[86] 2016-04-06 (PCT/CL2016/050015)
[87] (WO2016/161534)
[30] CL (876-2015) 2015-04-08

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[51] **Int.Cl. G01N 33/48 (2006.01) C12M 1/34 (2006.01) C12Q 1/68 (2006.01) G01N 1/28 (2006.01) G01N 33/53 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **DISPOSABLE BIOASSAY CARTRIDGE AND METHOD OF PERFORMING MULTIPLE ASSAY STEPS AND FLUID TRANSFER WITHIN THE CARTRIDGE**
[54] **CARTOUCHE DE TEST BIOLOGIQUE JETABLE ET PROCEDE DE REALISATION DE PLUSIEURS ETAPES DE TEST ET D'UN TRANSFERT DE FLUIDE A L'INTERIEUR DE LA CARTOUCHE**
[72] IZMAILOV, ALEXANDRE, CA
[72] ENGLERT, DAVID, US
[72] SMITH, PAUL, CA
[71] AXELA INC., CA
[85] 2017-10-06
[86] 2016-04-11 (PCT/CA2016/050414)
[87] (WO2016/161524)
[30] US (62/145,330) 2015-04-09
[30] US (62/165,347) 2015-05-22

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[13] A1
[51] **Int.Cl. C08B 37/16 (2006.01) A61K 31/724 (2006.01) A61K 47/40 (2006.01) A61P 39/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS OF POLYANIONIC AND NON-IONIC CYCLODEXTRIN-BASED DENDRIMERS AND USES THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES DE DENDRIMERES A BASE DE CYCLODEXTRINE POLYANIONIQUE ET NON-IONIQUE ET UTILISATIONS ASSOCIEES**
[72] LING, CHANG-CHUN, CA
[72] ZHANG, PING, CA
[72] WANG, AIXIA, CA
[72] KLASSEN, JOHN, CA
[72] LERICHE, EMMA-DUNE, CA
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[54] **JOINT D'ETANCHEITE ET SON PROCEDE DE FABRICATION**
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[72] HORIMOTO, TAKAYUKI, JP
[72] URAKAWA, TETSUYA, JP
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[54] **TOLE D'ACIER POUR TRAITEMENT THERMIQUE**
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[72] AZUMA, MASAFUMI, JP
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[72] TABATA, SHINICHIRO, JP
[72] AZUMA, MASAFUMI, JP
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[54] **PROCEDES PERMETTANT DE TRAITER DE MANIERE SECURISEE DES INFORMATIONS MEDICALES PERSONNELLES ET NON PUBLIQUES COMPORTANT DES DONNEES MANUSCRITES**
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[54] **DISPOSITIF ET PROCEDE DE MESURE DE FORME**
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[72] YAMAJI, HIRONAO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **APPAREIL DE RECEPTION, APPAREIL D'EMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**
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[72] IGARASHI, TATSUYA, JP
[72] KITAZATO, NAOHISA, JP
[72] DEWA, YOSHIHARU, JP
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[54] **SYSTEMES ET PROCEDES DE GENERATION D'UNE INTELLIGENCE CONTRE LES MENACES DANS UN RESEAU**
[72] BINGHAM, SKYLER J., US
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[54] **BALLONNET DE PERFUSION GONFLABLE AVEC TREILLIS EXTERIEUR ET PROCEDES ASSOCIES**
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[71] C.R. BARD, INC., US
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[54] **MAILLON DE CHENILLE**
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[71] MOYNA, JOHN P., US
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[54] **METHOD AND APPARATUS FOR SPINAL DISC DECOMPRESSION**
[54] **PROCEDE ET APPAREIL DE DECOMPRESSION DE DISQUES INTERVERTEBRAUX**
[72] MONTALVO, PAUL R., US
[72] LEAKE, PAUL H., US
[71] VERTECORE TECHNOLOGIES LLC, US
[85] 2017-10-06
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[54] **COMPOSITIONS AND METHODS FOR NON-MYELOABLATIVE CONDITIONING**
[54] **COMPOSITIONS ET PROCEDES S'APPLIQUANT AU CONDITIONNEMENT NON MYELOABLATIF**
[72] SCADDEN, DAVID T., US
[72] PALCHAUDHURI, RAHUL, US
[72] ROSSI, DERRICK J., US
[72] CZECHOWICZ, AGNIESZKA D., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
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[54] **METHODS OF TREATING A TRAUMATIC BRAIN INJURY**
[54] **METHODES DE TRAITEMENT D'UN TRAUMATISME CRANIO-CEREBRAL**
[72] MCMICHAEL, JOHN, US
[71] BEECH TREE LABS, INC., US
[85] 2017-10-06
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[54] **ANTIMICROBIAL ARTICLES AND COMPOUNDS THEREFOR**
[54] **ARTICLES ANTIMICROBIENS ET COMPOSES ASSOCIES**
[72] MASON, JOSEPH E., US
[72] NEIGEL, DENNIS VICTOR, US
[71] INDUSCO, INC., US
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[54] **SYSTEMS AND METHODS FOR CUSTOMIZED LOAD CONTROL**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE CHARGE PERSONNALISES**
[72] MILLAR, GARY BRET, US
[71] EARTH STAR SOLUTIONS, LLC, US
[85] 2017-10-06
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[54] **HIGH LOAD DESCENDER WITH ADAPTIVE RELEASE LINKAGE**
[54] **DESCENDEUR DE CHARGE ELEVEE AVEC LIAISON DE LIBERATION ADAPTATIVE**
[72] MALCOM, JONATHAN D., US
[71] HARKEN, INCORPORATED, US
[85] 2017-10-06
[86] 2016-04-07 (PCT/US2016/026491)
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[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF HBV INFECTION**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'UNE INFECTION A VHB**
[72] IYER, RADHAKRISHNAN P., US
[71] SPRING BANK PHARMACEUTICALS, INC., US
[85] 2017-10-06
[86] 2016-04-07 (PCT/US2016/026498)
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[54] **AMBULATORY EXTENDED-WEAR ELECTROCARDIOGRAPHY AND SYNCOPE SENSOR MONITOR**
[54] **ELECTROCARDIOGRAPHIE A PORT PROLONGE AMBULATOIRE ET MONITEUR DETECTEUR DE SYNCOPE**
[72] FELIX, JASON, US
[72] BISHAY, JON MIKALSON, US
[72] BARDY, GUST H., US
[71] BARDY DIAGNOSTICS, INC., US
[85] 2017-10-06
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[54] **METHOD AND APPARATUS FOR SOLID FREEFORM FABRICATION OF OBJECTS WITH IMPROVED RESOLUTION BACKGROUND**
[54] **PROCEDE ET APPAREIL PERMETTANT LA FABRICATION DE FORMES LIBRES SOLIDES D'OBJETS AYANT UN ARRIERE-PLAN A RESOLUTION AMELIOREE**
[72] STEEGE, ADAM T.C., US
[71] TRIO LABS, INC., US
[85] 2017-10-06
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[54] **ENGINEERED BACTERIA FOR PRODUCTION AND RELEASE OF THERAPEUTICS**
[54] **BACTERIES GENETIQUEMENT MODIFIEES POUR LA PRODUCTION ET LA LIBERATION D'AGENTS THERAPEUTIQUES**
[72] HASTY, JEFF, US
[72] TSIMRING, LEV, US
[72] DIN, MUHAMMAD OMAR, US
[72] PRINDLE, ARTHUR, US
[72] BHATIA, SANGEETA, US
[72] DANINO, TAL, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **MEDIATEURS BIOCHIMIQUES DE STOCKAGE DE PLAQUETTES**
[72] ZIMRING, JAMES CHARLES, US
[72] SLICHTER, SHERRILL J., US
[72] FU, XIAOYUN, US
[72] FELCYN, JAKE, US
[71] BLOODWORKS, US
[71] ZIMRING, JAMES CHARLES, US
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[71] FU, XIAOYUN, US
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[54] **METHODS FOR PURIFYING HETERODIMERIC MULTISPECIFIC ANTIBODIES FROM PARENTAL HOMODIMERIC ANTIBODY SPECIES**
[54] **PROCEDES DE PURIFICATION D'ANTICORPS HETERODIMERES MULTISPECIFIQUES MELANGES A DES ESPECES D'ANTICORPS HOMODIMERES PARENTAUX**
[72] NETT, JUERGEN HERMANN, US
[72] WITTRUP, DANE K., US
[72] VASQUEZ, MAXIMILIANO, US
[71] ADIMAB, LLC, US
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[54] **NETWORK SERVICE INFRASTRUCTURE MANAGEMENT SYSTEM AND METHOD OF OPERATION**
[54] **SYSTEME DE GESTION D'INFRASTRUCTURE DE SERVICE DE RESEAU ET PROCEDE DE FONCTIONNEMENT**
[72] COMBELLAS, CLAUDIA M., US
[72] JOHNSTON, DANA, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **BIOSENSOR SYSTEM FOR THE RAPID DETECTION OF ANALYTES**
[54] **SYSTEME DE BIOCAPTEUR POUR LA DETECTION RAPIDE D'ANALYTES**
[72] ZUPANCIC, THOMAS J., US
[72] ZENG, LINGCHUN, US
[72] VEDAMOORTHY, SRIKANTH, US
[72] LWANDE, JOEL S., US
[72] KITTLE, JOSEPH D., US
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[54] **PHASED ARRAY SYSTEM FOR INSPECTION OF LASER WELDS**
[54] **SYSTEME RESEAU A COMMANDE DE PHASE POUR L'INSPECTION DE SOUDURES LASER**
[72] SPENCER, ROGER, US
[72] BOULWARE, PAUL, US
[72] NA, JEONG K., US
[71] EDISON WELDING INSTITUTE, INC., US
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[54] **FORMULATION AND PROCESS FOR MODULATING WOUND HEALING**
[54] **FORMULATION ET PROCEDE PERMETTANT DE MODULER LA CICATRISATION DE PLAIE**
[72] TSAI, CHUN-CHE, US
[72] MCGUIRE, KAREN M., US
[72] JAMISON, JAMES M., US
[72] SUMMERS, JACK L., US
[71] BIOMENDICS, LLC, US
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[54] **SELF-EMULSIFYING FORMULATIONS OF DIM-RELATED INDOLES**
[54] **FORMULATIONS AUTO-EMULSIFIANTES D'INDOLES ASSOCIES AU DIM**
[72] ZELIGS, MICHAEL A., US
[72] JACOBS, IRWIN C., US
[71] BIORESPONSE, L.L.C., US
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[54] **CENTREUR A FORCE CONSTANTE**
[72] CHURCH, NATHAN, US
[71] PROBE TECHNOLOGY SERVICES, INC., US
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[54] **COLD BREW SYSTEM, METHOD AND APPARATUS**
[54] **SYSTEME, PROCEDE ET APPAREIL D'INFUSION A FROID**
[72] ANGELL, JONATHAN RUSSELL, US
[72] BISHOP, JOHN DOUGLAS, US
[72] MCCLAIN, CHAIRIL, US
[72] MCDERMOTT, KARALYNN M., US
[72] CLARK, CHARLES H., US
[72] BENSON, KENNETH JOHN, US
[72] HUMPHREY, MATTHEW CHRISTOPHER, US
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[54] **BIOINFORMATICS SYSTEMS, APPARATUSES, AND METHODS EXECUTED ON AN INTEGRATED CIRCUIT PROCESSING PLATFORM**
[54] **SYSTEMES, APPAREILS ET PROCEDES BIOINFORMATIQUES EXECUTES SUR UNE PLATE-FORME DE TRAITEMENT A CIRCUITS INTEGRES**
[72] ROOYEN, PIETER, VAN, US
[72] RUEHLE, MICHAEL, US
[72] MEHIO, RAMI, US
[71] EDICO GENOME, INC., US
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[86] 2016-04-08 (PCT/US2016/026796)
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[54] **EPICARDIAL-DERIVED PARACRINE FACTORS FOR REPAIRING CARDIAC TISSUE**
[54] **FACTEURS PARACRINE DERIVES DE L'EPICARDE POUR LA REPARATION DE TISSU CARDIAQUE**
[72] RUIZ-LOZANO, PILAR, US
[72] MERCOLA, MARK, US
[72] WEI, KE, US
[71] REGENCOR, INC., US
[71] SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE, US
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[86] 2016-04-08 (PCT/US2016/026809)
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[25] EN
[54] **IMAGING SYSTEMS AND METHODS USING FLUORESCENT NANODIAMONDS**
[54] **SYSTEMES ET PROCEDES D'IMAGERIE UTILISANT DES NANODIAMANTS FLUORESCENTS**
[72] BUMB, AMBIKA, US
[72] NEUMAN, KEIR CAJAL, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[54] **PIPE FLANGE**
[54] **BRIDE DE TUYAU**
[72] BAE, DEUK SUNG, AU
[71] EVAFORD ONE PTY LTD, AU
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[54] **SYSTEME ET PROCEDE POUR SURVEILLER UN FLUX D'HYDROGENE**
[72] FEICHT, ANDREW, CA
[71] UNIVERSITY OF NEW BRUNSWICK, CA
[71] FEICHT, ANDREW, CA
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[54] **ENSEMBLE FORAGE AMELIORE COMPRENANT UN BOULON A FRICTION**
[72] MCLAREN, MATTHEW, AU
[71] FERO GROUP PTY LTD, AU
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF CELLULOSIC BIOMASS AND PRODUCTS PRODUCED THEREBY**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT D'UNE BIOMASSE CELLULOSIQUE ET PRODUITS AINSI OBTENUS**
[72] RICHARD, ANDREW, CA
[72] D'AGOSTINO, DENNIS, CA
[71] COMET BIOREFINING INC., CA
[85] 2017-10-10
[86] 2016-04-08 (PCT/CA2016/050402)
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[30] US (62/145,785) 2015-04-10
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[54] **INCUBATEUR A □UFS DE POISSON**
[72] BOOTH, DONALD ALLAN, AU
[71] BOOTH, DONALD ALLAN, AU
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[54] **DIAGNOSTIC DE VAGINOSE BACTERIENNE**
[72] REID, GREGOR, CA
[72] MCMILLAN, AMY, CA
[72] SUMARAH, MARK, CA
[72] BURTON, JEREMY, CA
[72] RULISA, STEPHEN, RW
[71] REID, GREGOR, CA
[71] MCMILLAN, AMY, CA
[71] SUMARAH, MARK, CA
[71] BURTON, JEREMY, CA
[71] RULISA, STEPHEN, RW
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[54] **SYSTEME D'AMORTISSEMENT PROGRESSIF POUR UN SYSTEME DE CHENILLE**
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[72] PELLERIN, JONATHAN, CA
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[54] **DISPOSITIF DE VERROUILLAGE DE TENDEUR DYNAMIQUE POUR UN SYSTEME DE RAIL ET PROCEDE ASSOCIE**
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[71] SOUCY INTERNATIONAL INC., CA
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[72] HASSANI, FARAMARZ, CA
[72] HEFNI, MOHAMMED, CA
[72] KERMANI, MEHRDAD FADAEI, CA
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[72] LI, MINGCHAO, CN
[72] ZHU, JIEZUO, CN
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[54] **SYSTEME CONFIGURABLE DESTINE A EVALUER LA SENSIBILITE D'UN SUJET A UN STIMULUS ET SON PROCEDE D'UTILISATION**
[72] FAUBERT, JOCELYN, CA
[72] DOTI, RAFAEL, CA
[72] LUGO-ARCE, JESUS-EDUARDO, CA
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[54] **DERIVE D'ACIDE PHILLYGENINE GLUCURONIQUE, SON PROCEDE DE PREPARATION ET SON APPLICATION**
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[72] JIANG, RENWU, CN
[72] ZHANG, YU, CN
[72] WANG, KAIQIAN, CN
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[54] **PROCEDES ET COMPOSITIONS DE TRAITEMENT DE CANCERS ET D'AMELIORATION DE L'IMMUNITE THERAPEUTIQUE PAR REDUCTION SELECTIVE DES MONOCYTES M2 IMMUNOMODULATEURS**
[72] ANDREWS, DAVID W., US
[72] HOOPER, DOUGLAS C., US
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[71] THOMAS JEFFERSON UNIVERSITY, US
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[54] **COMPOSES DE PYRAZOLE SUBSTITUES CONTENANT DE LA PYRIMIDINE ET PROCEDE DE PREPARATION ET UTILISATION DE CEUX-CI**
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[72] GUAN, AIYING, CN
[72] WANG, JUNFENG, CN
[72] SUN, XUFENG, CN
[72] LI, ZHINIAN, CN
[72] ZHANG, JINBO, CN
[72] BAN, LANFENG, CN
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[72] GUSHANAS, TIMOTHY P., US
[72] GLANVILLE, MARK R., US
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[72] PAGOVICH, ODELYA E., US
[72] CHIUCHIOLO, MARIA J., US
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[72] PATERSON, MICHAEL, US
[72] KIM, TONG JIN, US
[72] MCDANIEL, KEGAN, US
[72] WESTRA, LUKE, US
[71] MEDLINE INDUSTRIES, INC., US
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[72] SKACH, JOHN R., US
[72] CHO, DAVID, US
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[54] **DISPOSITIF D'ELECTROPORATION**
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[72] TOUCHARD, ELODIE, FR
[72] BENARD, ROMAIN, FR
[72] BIGOT, KARINE, FR
[72] MADARAS, CECILE, FR
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[72] HOELTGEN, WOLFGANG KURT, DE
[72] KOHLI, SAMAY, IN
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[72] MACHADO, LEONEL HENRIQUES, CA
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[54] **AGENCEMENT DANS UN FOUR ROTATIF ET PROCEDE POUR GUIDER L'AIR VERS LEDIT FOUR ROTATIF**
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[71] NORDAUTOMATION OY, FI
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[54] **PANNEAU LUMINEUX**
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[72] PASSERELLO, CORY A., US
[72] CLAWSON, THOMAS, US
[71] HUBBELL INCORPORATED, US
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[71] THE QUAKER OATS COMPANY, US
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[54] **ECROU DE RACCORDEMENT ET PROCEDE DE CONSTRUCTION DE MAINTIEN**
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[54] **DISPOSITIF D'ECLAIRAGE DU TYPE A DIODES ELECTROLUMINESCENTES**
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[72] KOJIMA, YUJIRO, JP
[72] KURIHARA, KENICHI, JP
[72] KOJIMA, KAZUNORI, JP
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[72] KORNACKER, MICHAEL, US
[71] ALPINE IMMUNE SCIENCES, INC., US
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[72] SEMBA, HIROYUKI, JP
[72] OKADA, HIROKAZU, JP
[72] HIRATA, HIROYUKI, JP
[72] ONO, TOSHIHIDE, JP
[72] TANAKA, KATSUKI, JP
[72] HAMAGUCHI, TOMOAKI, JP
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[72] BROWN, RAYMOND A., US
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[72] SPITZER, JEFF, US
[72] VANG, SENG, US
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[54] **APPAREIL ET PROCEDES POUR DETERMINER UN TISSU ENDOMMAGE A L'AIDE DE MESURES D'HUMIDITE SOUS-EPIDERMIQUE**
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[72] RHODES, SHANNON, US
[72] CLENDENIN, MARTA, US
[72] BURNS, MARTIN, US
[72] JARADEH, KINDAH, US
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[54] **PREPARATIONS D'EMULSIONS DE CANNABIS ET PROCEDES ASSOCIES**
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[72] BARUCH, YEHUDA, IL
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[72] KARUNAKARAN, AATHAVAN, US
[72] MARKS, NATALIE, US
[72] MCEWEN, JASON M., US
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[54] **SYSTEMES DE PLANIFICATION ET DE PROCEDURE D'ABLATION PAR MICRO-ONDES**
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[54] **DISPOSITIF D'ARRET**
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[54] **NOVEL HETEROAROMATIC SILICON-FLUORIDE-ACCEPTORS USEFUL FOR 18F LABELING OF MOLECULES AND BIOMOLECULES, AND METHODS OF PREPARING SAME**
[54] **NOUVEAUX ACCEPTEURS DE FLUORURE DE SILICIUM HETEROAROMATIQUES POUR MARQUAGE 18F DE MOLECULES ET DE BIOMOLECULES, ET PROCEDES DE PREPARATION CORRESPONDANTS**
[72] WALDMANN, CHRISTOPHER MARTIN, US
[72] TOUTOV, ANTON A., US
[72] MURPHY, JENNIFER MARIE, US
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[54] **NOUVEAUX DERIVES DE 7-DESHYDROCHOLESTEROL ET PROCEDES LES UTILISANT**
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[54] **SYSTEME AUTOMOBILE INTEGRE, ENSEMBLE BUSE COMPACT, A PROFIL BAS, ET CIRCUIT FLUIDIQUE COMPACT POUR LE NETTOYAGE D'UNE SURFACE EXTERIEURE D'UN CAPTEUR D'IMAGE GRAND-ANGLE**
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[72] ZHAO, CHUNLING, US
[72] WATKINS, NICHOLAS BRYCE, US
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[54] **APPAREIL ET PROCEDE A BIOMASSE AVEC CONDENSEUR DE REFLUX ET DE PRE-TRAITEMENT**
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[72] TALLEY, ALLISON, US
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[54] **SYSTEMS AND METHODS FOR REMOVAL OF DENTAL BIOFILM USING IRRIGATION**
[54] **SYSTEMES ET PROCEDES POUR L'ELIMINATION DU BIOFILM DENTAIRE A L'AIDE DE L'IRRIGATION**
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[72] TERZIC, ANDRE, US
[72] COOK, WILLIAM, US
[72] CRESPO, RUBEN, US
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[54] **MOTIFS D'ECLAIRAGE DE SYSTEME DE RESEAU PHOTO ET GESTION DE PUISSANCE**
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[54] **COMPOSITIONS DE REVETEMENT PULVERULENTES A FAIBLE BRILLANCE AJUSTABLE**
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[72] POOLE, JAMES, US
[72] HOWELL, JACKIE, US
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[54] **COMPOSITION MULTILAMELLAIRE AQUEUSE DESTINEE A ADMINISTRER DES SUBSTANCES HYDROPHOBES**
[72] KONATE, NADIA, DE
[72] PREMACHANDRAN, RAMAN, US
[72] WINKOWSKI, KAREN, US
[72] WINGENFELD, ANDREA, DE
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[54] **PROTOCOLE D'INTERVENTION EN CAS D'URGENCE IMPLIQUANT UN SUICIDE CHIMIQUE**
[72] CLAWSON, JEFFREY J., US
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[54] **SYSTEMES ET PROCEDES DE DETECTION DE LA QUALITE DE SIGNAL DANS DES SIGNAUX DE RADIODIFFUSION NUMERIQUE**
[72] FULLER, DESMOND S., US
[72] VENEZIA, PAUL, US
[72] CHALMERS, HARVEY, US
[71] IBIQUITY DIGITAL CORPORATION, US
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[54] **MACHINE D'EMBALLAGE SOUS FILM ETIRABLE PERMETTANT DES OPERATIONS DE CONFINEMENT DE COUCHE SUPERIEURE**
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[72] MITCHELL, MICHAEL P., US
[72] JOHNSON, RICHARD L., US
[71] LANTECH.COM, LLC, US
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[54] **APTITUDE AU FORMAGE DE BORD AMELIOREE DANS DES ALLIAGES METALLIQUES**
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[72] FRERICHS, ANDREW E., US
[72] MEACHAM, BRIAN E., US
[72] JUSTICE, GRANT G., US
[72] BALL, ANDREW T., US
[72] WALLESER, JASON K., US
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[72] TEW, LOGAN J., US
[72] ANDERSON, SCOTT T., US
[72] LARISH, SCOTT, US
[72] CHENG, SHENG, US
[72] GIDDENS, TAYLOR L., US
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[71] THE NANOSTEEL COMPANY, INC., US
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[54] **APPLICATIONS THERAPEUTIQUES DE STILBENOIDES PRENYLES CONTRE LES INFECTIONS A ROTAVIRUS**
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[72] PARR, REBECCA D., US
[71] ARKANSAS STATE UNIVERSITY, US
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[54] **CONVERTISSEUR DE PUISSANCE RECONFIGURABLE**
[72] DILLEY, DEVIN, US
[72] SMITH, RYAN, US
[71] EPC POWER CORPORATION, US
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[54] **COMPOSITION ET KITS POUR MATRICES DE MICROGEL PSEUDOPLASTIQUE**
[72] SALAMONE, JOSEPH CHARLES, US
[72] SALAMONE, ANN BEAL, US
[72] REILLY, KATELYN ELIZABETH, US
[72] SUGGS, LAURA JEAN, US
[72] CHUNG, EUNNA, KR
[72] LEUNG, KELLY XIAOYU-CHEN, US
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[71] BECTON, DICKINSON AND COMPANY, US
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[54] **METHODS FOR TREATING CLOSTRIDIUM DIFFICILE INFECTION AND ASSOCIATED DISEASE**
[54] **METHODES DE TRAITEMENT D'INFECTIONS A CLOSTRIDIUM DIFFICILE ET DE MALADIES ASSOCIEES**
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[72] WARRENER, PAUL, US
[72] RAINEY, GODFREY, US
[71] MEDIMMUNE, LLC, US
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[54] **SUPPORT DE MONTAGE POUR DISPOSITIF ELECTRIQUE OU DE COMMUNICATION**
[72] WITHERBEE, MARTIN LEE, US
[72] KHAIRNAR, LALIT SUBHASH, IN
[72] PATIL, SAGAR ASHOK, IN
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **SYSTEMES, PROCEDES ET DISPOSITIFS PERMETTANT DE DIAGNOSTIQUER L'INTEGRITE DE SYSTEMES DE TRANSPORT DE CONDUCTEUR ELECTRIQUE**
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[72] MANAHAN, JOSEPH MICHAEL, US
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **DOSAGES DE SEQUENCAGE NOUVELLE GENERATION PAR ENRICHISSEMENT DE MUTANTS A BASE D'ACIDES NUCLEIQUES BLOQUES**
[72] SUNDARESAN, TILAK K., US
[72] ZHENG, ZONGLI, CN
[72] HABER, DANIEL A., US
[72] MAHESWARAN, SHYAMALA, US
[72] IAFRATE, A. JOHN, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **SYSTEME D'ENRICHISSEMENT DE CELLULES CANCEREUSES**
[72] LIM, JAMES, US
[72] CASSEREAU, LUKE, US
[71] XCELL BIOSCIENCES, INC., US
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[54] **SYSTEMS, METHODS, AND APPARATUSES FOR DISPENSING SHEETS OF MATERIAL**
[54] **SYSTEMES, PROCEDES ET APPAREILS DE DISTRIBUTION DE FEUILLES DE MATERIAU**
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[72] BLANCHARD, MICHAEL DUANE, US
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[71] VALSPAR SOURCING, INC., US
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[54] **PROCEDE DE BLOCAGE DE MIARN**
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[72] ROBERTS, BRIAN S., US
[71] HUDSONALPHA INSTITUTE FOR BIOTECHNOLOGY, US
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[71] OHIO SOYBEAN COUNCIL, US
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[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE LA VESSIE AVEC DE LA VAPEUR CONDENSABLE**
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[54] **PRODUITS DE CONSTRUCTION T20 POUR THERAPIE ET/OU VACCINS ANTI-VIH (VIRUS DE L'IMMUNODEFICIENCE HUMAINE)**
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[72] WAHREN, BRITTA, US
[72] CHANG, CHIEN-HSING, US
[72] GOLDENBERG, DAVID M., US
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[71] PRIME BIO-DRUG DEVELOPMENT LIMITED, VG
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[54] **BASE DE CHARGEMENT A PLATEAU DE CONTACT A DOUBLE SURFACE**
[72] HAN, JINGANG, CN
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[72] YANG, SHIWEI, CN
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[54] **ENSEMBLE CATHETER A SECURITE DE REGULATION SANGUINE MULTI-USAGE**
[72] HARDING, WESTON, US
[72] SHEVGOOR, SIDDARTH, US
[72] TRAINER, LAWRENCE, US
[72] MA, YIPING, US
[72] BALASUBRAMANIAN, SIVARAMAKRISHNAN, US
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[72] RANA, GEETA, US
[72] GALLARDO III, JULIAN, US
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[54] **APPAREIL, SYSTEMES ET PROCEDES DE SURVEILLANCE DE L'ADHESION A UN PROTOCOLE DE TRAITEMENT ET DU BESOIN D'UN REMPLISSAGE DU PRODUIT**
[72] BOWLINE, ANDREW, US
[72] COLDAGELLI, SCOTT, US
[72] OAKMAN, ADAM, US
[71] N2 MEDICAL SOLUTIONS, LLC, US
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[54] **SYSTEME, PROCEDE ET APPAREIL DE REHABILITATION DE FLUX DE DECHETS DE L'INDUSTRIE PETROLIERE ET GAZIERE**
[72] JURANTICH, JAMES C., US
[72] SKINNER, RAYMOND C., US
[72] REYNOLDS, ALAN C., US
[71] PLASMA TECH HOLDINGS, LLC, US
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[54] **SYSTEME DE BARBECUE MODULAIRE ET ENSEMBLES ASSOCIES**
[72] RHEAUME, FREDERIC, CA
[71] LES ACCESSOIRES MULTIFONCTIONS INC., CA
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[54] **COMPOSITIONS AND METHODS FOR CONSTRUCTING STRAND SPECIFIC CDNA LIBRARIES**
[54] **COMPOSITIONS ET PROCEDES UTILISABLES POUR LA CONSTRUCTION DE BANQUES D'ADNC SPECIFIQUES D'UN BRIN**
[72] TOWNSLEY, BRAD, US
[72] COVINGTON, MICHAEL F., US
[72] SINHA, NEELIMA, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[72] FUJII, MASAHIRO, JP
[71] MARUHO CO., LTD., JP
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[54] **SYSTEME D'ACCUMULATION D'ENERGIE, UNITE DE COMMANDE AINSI QUE PROCEDE DE CHARGE ET DE DECHARGE DE BATTERIE D'ACCUMULATEURS**
[72] SUGENO, NAOYUKI, JP
[72] MIYAKI, YUKIO, JP
[72] WATANABE, KOHKI, JP
[71] SONY CORPORATION, JP
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[54] **ANTICORPS ANTI-AP2 ET AGENTS DE LIAISON A L'ANTIGENE UTILISABLES EN VUE DU TRAITEMENT D'AFFECTIONS METABOLIQUES**
[72] HOTAMISLIGIL, GOKHAN S., US
[72] BURAK, MEHMET F., US
[72] ENGIN, FEYZA, US
[72] WIDENMAIER, SCOTT, B., US
[72] ROBERTS, ELISABETH HELEN, GB
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[54] **PROCEDE DE FABRICATION D'UN SUPPORT D'IMMOBILISATION DE PEPTIDE A CHAINE COURTE ET SUPPORT D'IMMOBILISATION DE PEPTIDE A CHAINE COURTE**
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[71] FUJIFILM CORPORATION, JP
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[72] MITANI, MITSUHIRO, JP
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[71] YUYAMA MFG. CO., LTD., JP
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[54] **TREATMENT METHOD BY COMBINED USE OF MDM2 INHIBITOR AND BTK INHIBITOR**
[54] **PROCEDE DE TRAITEMENT COMBINANT UN INHIBITEUR DE MDM2 ET UN INHIBITEUR DE BTK**
[72] SEKI, TAKAHIKO, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **METHODES DE FORMATION POUR L'ANALYSE AMELIOREE DES SYMPTOMES CLINIQUES CHEZ DES SUJETS PARTICIPANT A UN ESSAI CLINIQUE**
[72] KATZ, NATHANIEL, US
[71] ANALGESIC SOLUTIONS, US
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[54] **POLYOLS FORMES D'HUILES NATURELLES AUTO-METATHETIQUES ET LEUR UTILISATION DANS LA FABRICATION DE MOUSSES DE POLYURETHANE**
[72] NARINE, SURESH, CA
[72] LI, SHAOJUN, CA
[72] BOUZIDI, LAZIZ, CA
[71] TRENT UNIVERSITY, CA
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[72] DICOSMO, FRANK, CA
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[71] DC INNOVATIONS INC., CA
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[54] **APPAREIL ET PROCEDE POUR FORMER DES STRUCTURES COMPOSITES RENFORCEES PAR DES FIBRES**
[72] MILLAR, WILLIAM JAMES TREVOR, GB
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[54] **APPAREIL DE NETTOYAGE DE PLAIES IN SITU**
[72] BLOTT, PATRICK LEWIS, GB
[72] GREENER, BRYAN, GB
[72] HARTWELL, EDWARD YERBURY, GB
[72] LEE-WEBB, JULIAN, GB
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[54] **SUPPORT POUR POMME DE DOUCHE AVEC REGULATION DE DEBIT INTEGREE**
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[72] LEBER, LELAND C., US
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[54] **CELLULE SOUCHE D'UTILISATION THERAPEUTIQUE QUI EST ISSUE DE MONOCYTE HUMAIN ET SON PROCEDE D'INDUCTION**
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[54] **STEM CELL FOR THERAPEUTIC USE WHICH IS DERIVED FROM HUMAN MONOCYTE, AND METHOD FOR INDUCING SAME**
[54] **CELLULE SOUCHE D'UTILISATION THERAPEUTIQUE QUI EST ISSUE DE MONOCYTE HUMAIN ET SON PROCEDE D'INDUCTION**
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[54] **CYLINDRE DE STRATIFICATION, PROCEDE POUR PRODUIRE UN STRATIFIE D'EMBALLAGE ET STRATIFIE D'EMBALLAGE**
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[72] PERSSON, AKE, SE
[72] KEITER, SVEN, SE
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[72] JUST, MAGNUS, SE
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[54] **APPARATUS AND METHODS FOR INTEGRATED SAMPLE PREPARATION, REACTION AND DETECTION**
[54] **APPAREIL ET PROCEDES DE PREPARATION, DE REACTION ET DE DETECTION INTEGREES D'ECHANTILLON**
[72] BIRD, DYLAN HILMER, US
[72] CHING, JESUS, US
[72] JOHNSON, BRUCE A., US
[72] MORAVICK, KEITH E., US
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[54] **STRUCTURES DE PANSEMENT POUR LE TRAITEMENT DE BLESSURES UTILISANT UNE PRESSION REDUITE**
[72] KAZALA, RICHARD MARVIN, JR., US
[72] LONG, JUSTIN ALEXANDER, US
[72] BARTA, ERIC WOODSON, US
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[72] EVDOKIMOV, ARTEM G., US
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[72] RYDEL, TIMOTHY J., US
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[54] **PROCEDE DE FABRICATION DE PRODUITS D'ISOLATION A BASE DE LAINE MINERALE ET PRODUITS OBTENUS**
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[72] DOUCE, JEROME, FR
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[72] PONS Y MOLL, OLIVIER, FR
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[54] **METHODS OF INCREASING ABIOTIC STRESS TOLERANCE AND/OR BIOMASS IN PLANTS AND PLANTS GENERATED THEREBY**
[54] **PROCEDES D'AUGMENTATION DE LA TOLERANCE DU STRESS ABIOTIQUE DES PLANTES ET PLANTES AINSI PRODUITES**
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[72] GOLAN, EZEKIEL, IL
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[54] **NOVEL SUBSTITUTION MUTANT RECEPTORS AND THEIR USE IN A NUCLEAR RECEPTOR-BASED INDUCIBLE GENE EXPRESSION SYSTEM**
[54] **NOUVEAUX RECEPTEURS DE MUTANTS DE SUBSTITUTION ET UTILISATION DE CEUX-CI_DANS UN SYSTEME D'EXPRESSION GENIQUE INDUCTIBLE A BASE DE RECEPTEURS NUCLEAIRES**
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[72] KUMAR, MOHAN BASAVARAJU, CA
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[54] **PROCEDE ET REACTIFS POUR L'INHIBITION OU LA REDUCTION DE LA FORMATION DE TARTRE LORS DE LA PRODUCTION D'ACIDE PHOSPHORIQUE**
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[54] **PROCEDE ET SYSTEME POUR OPERATION DE RECEPTION DISCONTINUE POUR UNE AGREGATION DE TECHNIQUE AVANCEE DE PORTEUSES A EVOLUTION A LONG TERME**
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[72] MCBEATH, SEAN, US
[72] CAI, ZHIJUN, US
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[72] EARNSHAW, MARK, CA
[72] HEO, YOUN HYOUNG, CA
[71] GOLDEN VALLEY HOLDINGS LIMITED, SO
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[54] **PROCEDE ET SYSTEME POUR OPERATION DE RECEPTION DISCONTINUE POUR UNE AGREGATION DE TECHNIQUE AVANCEE DE PORTEUSES A EVOLUTION A LONG TERME**
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[72] EARNSHAW, MARK, CA
[72] HEO, YOUN HYOUNG, CA
[72] MCBEATH, SEAN, US
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[54] **PROCEDE ET SYSTEME POUR OPERATION DE RECEPTION DISCONTINUE POUR UNE AGREGATION DE TECHNIQUE AVANCEE DE PORTEUSES A EVOLUTION A LONG TERME**
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[54] **PROCEDE ET SYSTEME POUR OPERATION DE RECEPTION DISCONTINUE POUR UNE AGREGATION DE TECHNIQUE AVANCEE DE PORTEUSES A EVOLUTION A LONG TERME**
[72] FONG, MO-HAN, CA
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[54] **METHOD AND SYSTEM FOR DISCONTINUOUS RECEPTION OPERATION FOR LONG TERM EVOLUTION ADVANCED CARRIER AGGREGATION**
[54] **PROCEDE ET SYSTEME POUR OPERATION DE RECEPTION DISCONTINUE POUR UNE AGREGATION DE TECHNIQUE AVANCEE DE PORTEUSES A EVOLUTION A LONG TERME**
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[72] MCBEATH, SEAN, US
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[54] **METHOD AND SYSTEM FOR DISCONTINUOUS RECEPTION OPERATION FOR LONG TERM EVOLUTION ADVANCED CARRIER AGGREGATION**
[54] **PROCEDE ET SYSTEME POUR OPERATION DE RECEPTION DISCONTINUE POUR UNE AGREGATION DE TECHNIQUE AVANCEE DE PORTEUSES A EVOLUTION A LONG TERME**
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[54] **STRUCTURE COMPOSITE ADAPTATIVE FAITE D'ALLIAGES A MEMOIRE DE FORME**
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[72] APDALHALIEM, SAHRUDINE, US
[72] SHOME, MOUSHUMI, US
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[54] **APPARATUS AND METHOD FOR INITIATING AND SHARING INCIDENT INFORMATION IN A COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE POUR INITIER ET PARTAGER DES INFORMATIONS D'INCIDENT DANS UN SYSTEME DE COMMUNICATION**
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[72] BEDFORD, PATRICE A., US
[72] CAPOTA, OVIDIU A., US
[72] CHARLIER, MICHAEL L., US
[72] TRAN, CHI T., US
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[54] **SYSTEME, PROCEDE ET PROGRAMME LISIBLE PAR ORDINATEUR POUR LA GESTION D'ACTIVITE EN TEMPS REEL**
[72] CIANCIO-BUNCH, MICHAEL, US
[72] SCOTT, STEVE T., US
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[54] **METHOD AND APPARATUS FOR MITIGATING PILOT POLLUTION IN A WIRELESS NETWORK**
[54] **PROCEDE ET DISPOSITIF POUR ATTENUER LA POLLUTION D'ONDE PILOTE DANS UN RESEAU SANS FIL**
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[72] GOROKHOV, ALEXEI Y., US
[71] QUALCOMM INCORPORATED, US
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[54] **APPAREIL ET PROCEDE DE FORMATION DE CABLE DE CAPTEUR DE CELLULE A GRAIN**
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[54] **APPAREIL DE NETTOYAGE DE SURFACES**
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[54] **MICROCAPSULES COMPORTANT DES PRINCIPES ACTIFS ET UN ENROBAGE D'OXYDE METALLIQUE, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS**
[72] TOLEDANO, OFER, IL
[72] SERTCHOOK, HANAN, IL
[72] LOBODA, NATALIA, IL
[72] ABU-REZIQ, RAED, IL
[71] SOL-GEL TECHNOLOGIES LTD., IL
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[54] **SYSTEME ET METHODE DESTINES A LA COMMUNICATION EN FOND DE TROU**
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[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[30] CA (2809026) 2013-03-13
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[54] **COMPLEX EXPONENTIAL MODULATED FILTER BANK FOR HIGH FREQUENCY RECONSTRUCTION OR PARAMETRIC STEREO**
[54] **BANC DE FILTRES MODULE EXPONENTIEL COMPLEXE DESTINE A LA RECONSTRUCTION HAUTE FREQUENCE OU PARAMETRIQUE STEREO**
[72] EKSTRAND, PER, SE
[71] DOLBY INTERNATIONAL AB, NL
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[54] **DYNAMIC SEARCH SUGGESTION AND CATEGORY SPECIFIC COMPLETION**
[54] **SUGGESTION DE RECHERCHE DYNAMIQUE ET EXECUTION SPECIFIQUE D'UNE CATEGORIE**
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[72] HOTCHKIES, BLAIR L., US
[72] PARSHALL, DANIEL R., US
[72] MILLS, BRENT ROBERT, US
[72] SEWANI, ANIL A., US
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[13] A1
[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/0205 (2006.01) A61B 5/053 (2006.01) A61B 5/087 (2006.01) A61B 5/091 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR RESPIRATORY VARIATION MONITORING BY MEASUREMENT OF RESPIRATORY VOLUMES, MOTION AND VARIABILITY**
[54] **DISPOSITIFS ET PROCEDES DE SURVEILLANCE DE VARIATION RESPIRATOIRE GRACE A LA MESURE DE VOLUMES RESPIRATOIRES, DE MOUVEMENT ET DE LA VARIABILITE**
[72] FREEMAN, JENNY E., US
[72] LALLI, MICHAEL, US
[72] MATTFOLK, ALEX, US
[72] PANASYUK, ALEXANDER, US
[72] JAHNKE, CHARLES, US
[72] STEIGER, NATHANIEL, US
[72] PANASYUK, SVETLANA, US
[72] NAGPAL, ARVIL, US
[72] TOY, JAMES F., US
[71] RESPIRATORY MOTION, INC., US
[22] 2011-08-15
[41] 2012-02-16
[62] 2,805,124
[30] US (61/373,548) 2010-08-13
[30] US (61/449,811) 2011-03-07
[30] US (61/480,105) 2011-04-28
[30] US (61/509,952) 2011-07-20

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[21] **2,981,447**
[13] A1
[51] **Int.Cl. B65H 37/00 (2006.01) B65G 15/60 (2006.01) B65H 23/26 (2006.01)**
[25] EN
[54] **WEB LIFTER/STABILIZER AND METHOD**
[54] **DISPOSITIF DE LEVAGE/STABILISATEUR DE BANDE ET PROCEDE ASSOCIE**
[72] ANDERSON, KIM A., US
[72] MAKI, ERIC, US
[72] GLENN, GEORGE, US
[71] MEGTEC SYSTEMS, INC., US
[22] 2012-06-04
[41] 2012-12-06
[62] 2,836,081
[30] US (61/493,046) 2011-06-03

[21] **2,981,662**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **THERAPEUTIC ANTIBODIES AGAINST ROR-1 PROTEIN AND METHODS FOR USE OF SAME**
[54] **ANTICORPS THERAPEUTIQUES CONTRE LA PROTEINE ROR-1 ET LEURS METHODES D'UTILISATION**
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[72] WIDHOPF, GEORGE F., II, US
[72] CUI, BING, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[22] 2012-01-13
[41] 2013-07-19
[62] 2,858,350
[30] US (61/433,043) 2011-01-14

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[21] **2,981,676**
[13] A1
[51] **Int.Cl. F24F 11/06 (2006.01) F25B 41/06 (2006.01) F25B 49/02 (2006.01)**
[25] EN
[54] **EXPANSION VALVE CONTROL SYSTEM AND METHOD FOR AIR CONDITIONING APPARATUS**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE DETENDEUR POUR UN DISPOSITIF DE CONDITIONNEMENT D'AIR**
[72] MERCER, KEVIN B., US
[72] EDENS, JOHN R., US
[72] DOUGLAS, JONATHAN DAVID, US
[71] TRANE INTERNATIONAL INC., US
[22] 2011-09-30
[41] 2012-04-05
[62] 2,812,782
[30] US (12/895,536) 2010-09-30

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[21] **2,981,684**
[13] A1
[51] **Int.Cl. G01D 5/00 (2006.01) G01D 5/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SENSING POSITION**
[54] **PROCEDE ET APPAREIL DE DETECTION DE POSITION**
[72] ERKER, GREGORY J., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2013-06-12
[41] 2014-04-18
[62] 2,818,793
[30] US (13/655,122) 2012-10-18

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[21] **2,981,727**
[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) H02J 9/00 (2006.01)**
[25] EN
[54] **POWER SOURCE FOR COMPLETION APPLICATIONS**
[54] **SOURCE D'ENERGIE DESTINEE A DES APPLICATIONS DE COMPLETION**
[72] TEODORESCU, SORIN G., US
[72] RING, LEV, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2013-09-25
[41] 2014-04-03
[62] 2,885,919
[30] US (13/409,975) 2012-03-01

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[21] **2,981,784**
[13] A1
[51] **Int.Cl. B41J 2/175 (2006.01)**
[25] EN
[54] **CARTRIDGE, PRINTING MATERIAL SUPPLY SYSTEM, PRINTING APPARATUS, LIQUID ACCOMMODATION CONTAINER, A PRINTING SYSTEM, AND A TERMINAL CONNECTION STRUCTURE**
[54] **CARTOUCHE, SYSTEME D'ALIMENTATION EN MATERIAU D'IMPRESSION, APPAREIL D'IMPRESSION, CONTENANT POUVANT RECEVOIR UN LIQUIDE, SYSTEME D'IMPRESSION ET STRUCTURE DE RACCORDEMENT DE BORNES**
[72] AOKI, YUJI, JP
[72] SATOH, HIROSHI, JP
[71] SEIKO EPSON CORPORATION, JP
[22] 2013-01-10
[41] 2013-07-13
[62] 2,912,560
[30] JP (2012-005347) 2012-01-13
[30] JP (2012-013238) 2012-01-25
[30] JP (2012-022819) 2012-02-06

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[21] **2,981,874**
[13] A1
[51] **Int.Cl. B42F 13/26 (2006.01) B42F 3/04 (2006.01)**
[25] EN
[54] **RING BINDER MECHANISM WITH SELF-LOCKING ACTUATOR**
[54] **MECANISME DE RELIURE A ANNEAUX AVEC ACTIONNEUR AUTOBLOQUANT**
[72] HUANG, MING HUA, CN
[71] WORLD WIDE STATIONERY MFG. CO., LTD., HK
[22] 2012-06-21
[41] 2013-10-28
[62] 2,780,517
[30] CN (201210142483.X) 2012-04-28
[30] CN (201220207227.X) 2012-04-28

[21] **2,981,877**
[13] A1
[51] **Int.Cl. B42F 13/26 (2006.01) B42F 3/04 (2006.01)**
[25] EN
[54] **RING BINDER MECHANISM WITH SELF-LOCKING ACTUATOR**
[54] **MECANISME DE RELIURE A ANNEAUX AVEC ACTIONNEUR AUTOBLOQUANT**
[72] HUANG, MING HUA, CN
[71] WORLD WIDE STATIONERY MFG. CO., LTD., HK
[22] 2012-06-21
[41] 2013-10-28
[62] 2,780,517
[30] CN (201210142483.X) 2012-04-28
[30] CN (201220207227.X) 2012-04-28

[21] **2,981,882**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING ACTIVITY AND PARTICIPATION INCENTIVES**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'ACTIVITES ET DE MOTIVATIONS DE PARTICIPATION**
[72] GREENSPUN, DANIEL ALAN, US
[71] VEGAS.COM, LLC, US
[22] 2011-12-15
[41] 2012-07-26
[62] 2,824,845
[30] US (13/007,959) 2011-01-17

[21] **2,981,972**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06K 9/62 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING ACTIVITY AND PARTICIPATION INCENTIVES**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'ACTIVITES ET DE MOTIVATIONS DE PARTICIPATION**
[72] GREENSPUN, DANIEL ALAN, US
[71] VEGAS.COM, LLC, US
[22] 2011-12-15
[41] 2012-07-26
[62] 2,824,845
[30] US (13/007,959) 2011-01-17

[21] **2,982,031**
[13] A1
[51] **Int.Cl. A61M 5/14 (2006.01) A61M 5/00 (2006.01)**
[25] EN
[54] **VALIDATION TECHNIQUES FOR FLUID DELIVERY SYSTEMS**
[54] **TECHNIQUES DE VALIDATION DESTINEES A DES SYSTEMES D'ADMINISTRATION DE FLUIDE**
[72] WILLIAMS, ROBERT C., US
[72] MARCHILDON, PATRICE, US
[71] BRACCO IMAGING S.P.A., IT
[22] 2013-12-05
[41] 2014-06-12
[62] 2,893,809
[30] US (61/733,825) 2012-12-05

[21] **2,982,085**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01) G06N 7/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND COMPUTER PROGRAM FOR A CONSUMER DEFINED INFORMATION ARCHITECTURE**
[54] **SYSTEME, PROCEDE ET PROGRAMME D'ORDINATEUR POUR UNE ARCHITECTURE D'INFORMATION DEFINIE PAR LE CONSOMMATEUR**
[72] SWEENEY, PETER, CA
[72] GOOD, ROBERT, CA
[71] PRIMAL FUSION INC., CA
[22] 2007-08-31
[41] 2008-03-06
[62] 2,662,063
[30] US (11/469,258) 2006-08-31
[30] US (11/550,457) 2006-10-18
[30] US (11/625,452) 2007-01-22

[21] **2,982,090**
[13] A1
[51] **Int.Cl. A61M 16/16 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR DELIVERING HUMIDIFIED GASES**
[54] **APPAREIL D'ADMINISTRATION DE GAZ HUMIDIFIES**
[72] KRAMER, MARTIN PAUL FRIEDRICH, NZ
[72] MAKINSON, IAN DOUGLAS, NZ
[72] BIGGS, PHILIP JAMES, NZ
[72] DICKINSON, PHILIP JOHN, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2003-09-17
[41] 2004-04-01
[62] 2,890,591
[30] NZ (521446) 2002-09-17
[30] NZ (527734) 2003-08-20

[21] **2,982,091**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01) G06N 5/02 (2006.01)**
[25] EN
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[72] GOOD, ROBERT, CA
[71] PRIMAL FUSION INC., CA
[22] 2007-08-31
[41] 2008-03-06
[62] 2,662,063
[30] US (11/469,258) 2006-08-31
[30] US (11/550,457) 2006-10-18
[30] US (11/625,452) 2007-01-22

[21] **2,982,100**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01) G06N 7/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND COMPUTER PROGRAM FOR A CONSUMER DEFINED INFORMATION ARCHITECTURE**
[54] **SYSTEME, PROCEDE ET PROGRAMME D'ORDINATEUR POUR UNE ARCHITECTURE D'INFORMATION DEFINIE PAR LE CONSOMMATEUR**
[72] SWEENEY, PETER, CA
[72] GOOD, ROBERT, CA
[71] PRIMAL FUSION INC., CA
[22] 2007-08-31
[41] 2008-03-06
[62] 2,662,063
[30] US (11/469,258) 2006-08-31
[30] US (11/550,457) 2006-10-18
[30] US (11/625,452) 2007-01-22

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[21] **2,982,168**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING ILLNESS OUTSIDE OF A HOSPITAL ENVIRONMENT**
[54] **SYSTEME ET PROCEDE DESTINES A LA GESTION DE MALADIE A L'EXTERIEUR D'UN ENVIRONNEMENT HOSPITALIER**
[72] NGUYEN, BINH THANH, CA
[72] TOMKUN, JONATHAN MARK, CA
[71] EQOL INC., CA
[22] 2015-03-17
[41] 2015-09-24
[62] 2,942,983
[30] US (61/954,048) 2014-03-17

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CABON-GEORGET, FLORENCE 2,789,407
CAI, CHAOZHONG 2,728,616
CALAFIORE, RICCARDO 2,756,091
CALERES, INC. 2,728,485
CALLAHAN, JOHN W. 2,484,519
CALON, FREDERIC 2,732,440
CALPE GARGALLO, CARLOS 2,836,147
CALVITTI, MARIO 2,756,091
CAMFIL FARR (CANADA) INC. 2,755,012
CAMPBELL, BRAD LEE 2,861,384
CANCER RESEARCH TECHNOLOGY LIMITED 2,665,356
CAPOBIANCO, STEVEN 2,973,527
CAPPELLE, MARK 2,741,593
CARBOTECH INTERNATIONAL 2,686,183
CARCELLER GONZALEZ, ELENA 2,785,353
CAREFUSION 207, INC. 2,732,124
CAREFUSION 303, INC. 2,773,332
CARL FREUDENBERG KG 2,917,084
CARLUCCI, JOHN B. 2,484,519
CARMEL PHARMA AB 2,874,105
CARROLL, DAVID L. 2,710,880
CARUSO, GRACE 2,850,325
CASEBIER, DAVID S. 2,673,853
CASHA, LAWRENCE M. 2,752,549
CEJA, MAURICIO ENRIQUE FERRUSCA 2,670,662
CEJA, MAURICIO ENRIQUE FERRUSCA 2,670,663
CELATKA, CASSANDRA A. 2,738,768
CELI, JOHN S. 2,637,574
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.) 2,681,170
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,789,407
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,745,500
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,789,088
CERCIELLO, ANTONIO 2,650,749
CERNER CORPORATION 2,444,717
CHALMERS, HARVEY 2,758,828
CHAMBERLAIN, DOROTHY MARGARET 2,778,321
CHAMPOUX, SYLVAIN 2,755,012
CHANDUSZKO, ANDRZEJ J. 2,769,208
CHANNELL COMMERCIAL CORPORATION 2,897,535
CHANOT, JEAN-JACQUES 2,773,226
CHARLES, NICHOLA 2,767,663
CHARLTON, RAYMOND 2,919,962

CHASE, IAN THOMAS 2,853,737
CHAUCHEREAU, ANNE 2,789,407
CHEN, CHIEN-CHIANG 2,933,966
CHEN, DONG 2,759,462
CHEN, HUANMING 2,696,012
CHEN, QUAN 2,782,731
CHEN, SHIH-RUEY TOM 2,908,425
CHEN, WEI 2,806,138
CHEN, XIAOYING 2,857,530
CHENG, SUZANNE 2,857,530
CHENG, YAN 2,920,052
CHEVRON U.S.A. INC. 2,838,272
CHI, CHARLIE W. 2,721,735
CHIEN, CHIN-HSI 2,785,328
CHILDERS, BROOKS A. 2,848,300
CHIN, KIMWAH 2,842,247
CHINA NATIONAL PETROLEUM CORPORATION 2,931,069
CHOI, BYEONG HO 2,818,930
CHOI, GEORGE Y. 2,940,763
CHOI, YONGSEOK 2,875,396
CHOTHUTSHANG, LHODEN 2,842,247
CHUA, SIOK LUI 2,793,923
CHUNG, HSINCHEN 2,908,425
CIANFRIGLIA, MAURIZIO 2,780,708
CICCARELLI, DAVID 2,964,005
CICCHETTI, FRANCESCA 2,732,440
CICCONE, PAUL 2,737,640
CINCOTTA, ANTHONY H. 2,693,254
CIPLA LIMITED 2,745,980
CIRBA IP INC. 2,719,720
CIRCULITE, INC. 2,787,941
CIUPERCA, ROMEO ILARIAN 2,847,876
CLARK, RAYMOND 2,672,299
CLAUSEN, HENRIK 2,665,356
CLEVY, NICOLAS 2,787,167
CLYNEN, ELKE JENNY HENRIETTE 2,450,502
CNH INDUSTRIAL BELGIUM NV 2,708,107
COELHO, JOSE U. 2,691,477
COLE, STEWART 2,817,931
COLLINS, IAN RALPH 2,782,731
COLSON, WENDELL B. 2,831,791
COMAR, LLC 2,764,895
COMAU LLC 2,784,290
COMC, LLC 2,765,076
COMCAST CABLE COMMUNICATIONS, LLC 2,553,258
COMERT, AHMET 2,862,033
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,802,208
CONFORMIS, INC. 2,771,573
CONKLIN, RICHARD 2,736,879
CONRAD, WAYNE ERNEST 2,888,402
CONRAD, WAYNE ERNEST 2,915,197
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS 2,693,423
CORBEIL, JASON 2,818,250
CORNELL UNIVERSITY 2,738,664
COSSIO MORA, FERNANDO PEDRO 2,776,351
COUCH, PHILIP ROBIN 2,848,300
COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH 2,717,354
COVIDIEN LP 2,897,596
COX, JANICE L. 2,732,812
CRAIG, GILBERT 2,781,401
CRAMERI, RETO 2,502,274
CRIST, MICHAEL 2,743,979
CROMPTON TECHNOLOGY GROUP LTD 2,853,737
CROUCH, PHILIP 2,810,832
CSL BEHRING GMBH 2,728,012
CUFF, LISA M. 2,738,768
CYTEC TECHNOLOGY CORP. 2,798,216
D'ALTO, LUIS PEDRO 2,852,573
DAHL, BRUCE A. 2,819,983
DAIGLE, ISABELLE 2,502,274
DAKIN, EUGENE 2,758,778
DAKO DENMARK A/S 2,508,113
DANA-FARBER CANCER INSTITUTE, INC. 2,830,063
DANN, KEVIN M. 2,831,791
DANSK MINK PAPIR A/S 2,854,309
DANZER, WOLFGANG 2,616,568
DARIE, FLORIN 2,900,767
DAUTRY, FRANCOIS 2,789,407
DAVEY, RYAN 2,749,660
DAVIS, GREGORY 2,908,002
DAVIS, MANLI Y. 2,872,482
DE KRETSER, DAVID 2,821,544
DE RIDDER, FJO 2,734,429
DE VRIES, DOMINIC 2,673,871
DEB IP LIMITED 2,777,796
DEBONNEL, ERIC 2,777,607
DEERE & COMPANY 2,736,297
DEGORCE, SEBASTIEN LOUIS 2,776,994
DEHMEL, FLORIAN 2,752,105
DELAWARE CAPITAL FORMATION, INC. 2,735,114
DELONG, HUGH KENNETH, III 2,682,999
DELPOR, INC. 2,792,484
DELUCA, MICHAEL JOSEPH 2,810,910
DEMAN, LUC 2,741,593
DEMAN, STEVEN M. 2,811,356
DEMATIC GMBH 2,811,356
DENG, SHI-XIAN 2,657,246
DEPUY SYNTHES PRODUCTS, INC. 2,760,550
DERBY BUILDING PRODUCTS INC. 2,800,214
DETWEILER, JEFFREY RANKEN 2,758,828
DEUTSCHES KREBSFORSCHUNGSZENTRUM 2,802,599
DEVICOR MEDICAL PRODUCTS, INC. 2,771,212
DEWHIRST, MICHAEL JAMES 2,853,737
DEWILLE, NORMANELLA 2,899,501
DIAMOND PRODUCTS, LIMITED 2,854,691
DIEDRICHS, VOLKER 2,887,594
DIERINGER, KEN 2,800,288
DIGNITY HEALTH 2,682,060
DINGER, FRED B. 2,736,756
DINGERT, UWE 2,917,084
DINSART, CHRISTIANE 2,802,599
DINTER, JENS-HEIKO 2,824,928
DIOS, ANGELES 2,738,768
DISANTIS, JOSEPH R. 2,882,310
DISCH, SASCHA 2,886,505
DIXIT, NIKHIL 2,672,299
DIXON, BARRY 2,684,903
DJEZIRI, SALIM 2,581,400
DJURICIC, BORO 2,840,261
DO, JONG GU 2,913,894
DOERER, DANIEL M. 2,728,485
DOMINGUEZ HORNA, CARLOS 2,693,423
DONDE, VAIBHAV 2,746,772
DONHOFF, TORSTEN 2,789,191
DONNELL, JIMMY J. 2,898,348
DONNELLY, CHRIS 2,672,299
DOPSLAFF, CARSTEN 2,754,079
DORSCH, DIETER 2,749,015
DORSETT, PAUL WILLIAM 2,820,496
DOUGLAS, MARGARET 2,859,809
DR. BATA ZRT. 2,877,998
DROEGE, PETER 2,811,225
DRUGGE, OSKAR 2,777,215
DU, ZHENGMING 2,781,431
DUDUWORLD CO., LTD. 2,932,280
DUMBLE, MELISSA 2,777,087
DUNBAR, LINDA 2,804,141
DUNCAN, ROGER GLEN 2,848,300
DUPONT, LOUIS 2,792,376
DUPOTEAU, FRANCOIS 2,749,660
DUPUIS, MARIA LUISA 2,780,708
DUVAL, DEAN LARRY 2,733,472
DYER, KELLY NOEL 2,957,445
DYSON TECHNOLOGY LIMITED 2,824,649
DYSON, JAMES 2,824,649
DZIEZOK, PETER 2,733,472
E. I. DU PONT DE NEMOURS AND COMPANY 2,717,348
E. I. DU PONT DE NEMOURS AND COMPANY 2,878,331
EATON CORPORATION 2,769,895
EATON CORPORATION 2,791,727
EATON CORPORATION 2,796,501
EBERT, ROLAND 2,847,029
EBM-PAPST MULFINGEN GMBH & CO. KG 2,733,584
ECOLE POLYTECHNIQUE 2,745,500
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) 2,735,318
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) 2,817,931
EDGE, ALBERT 2,743,436
EDLER, BERND 2,886,505
EDWARDS, CARL M. 2,830,871
EFFICIENT ENERGY GMBH 2,909,712
EGOLF, KEVIN 2,919,962

EICHHORST, KEVIN 2,785,818
EKLUND, KAJ 2,775,683
ELDER, RUSSELL 2,885,233
ELLIS, DALE 2,945,328
ELLIS-BEHNKE, RUTLEDGE 2,722,465
EMERSON ELECTRIC CO. 2,866,071
ENDORECHERCHE, INC. 2,879,648
ENDRES, GREGOR CHRISTIAN 2,928,592
ENEA - AGENZIA NAZIONALE PER LE NUOVE TECNOLOGIE, L'ENERGIA E LO SVILUPPO ECONOMICO SOSTENIBILE 2,802,208
ENGINEERED ARRESTING SYSTEMS CORPORATION 2,682,999
ENGSTROM, JOSHUA 2,743,789
ERA, TOMOHIRO 2,800,818
ESDAR, CHRISTINA 2,785,307
ESPINEL, KARINA R. 2,814,614
ESPINEL, R. KARINA 2,814,644
ETXE-TAR, S.A. 2,835,775
EVONIK DEGUSSA GMBH 2,896,721
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,830,755
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,867,357
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,933,966
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,952,035
EXXONMOBILE RESEARCH AND ENGINEERING COMPANY 2,856,367
F. HOFFMANN-LA ROCHE AG 2,778,219
F. HOFFMANN-LA ROCHE AG 2,857,530
FACEBOOK, INC. 2,908,024
FACEBOOK, INC. 2,917,296
FAIRTECH INVESTMENT LIMITED 2,781,401
FALLARINO, FRANCESCA 2,756,091
FALLER, ANDREW C. 2,786,557
FALLON, JUSTIN 2,738,796
FAMUR INSTITUTE SP. Z.O.O. 2,780,313
FAMUR SPOLKA AKCYJNA 2,780,313
FARKAS, JULIUS 2,754,824
FASS, UWE 2,824,928
FAVUZZI, JOHN 2,508,113
FEENSTRA, MARK J. 2,796,674
FEINGOLD, GORDON 2,508,113
FELDMAN, DAVID 2,763,586
FENNESSY, PAUL 2,821,544
FERGUSON, KATE 2,672,299
FERNANDEZ ALVAREZ, LUIS JOAQUIN 2,914,283
FERRER COSTA, CARLES 2,785,353
FERRONE, SOLDANO 2,737,758
FERRUGHELLI, DAVID T. 2,830,755
FIELD, RICHARD E. 2,727,895
FIO CORPORATION 2,749,660
FISCHER, REINER 2,723,616
FITZ, WOLFGANG 2,771,573
FLAVIGNARD, YOANN 2,787,167
FLEGO, MICHELA 2,780,708
FLORES CASTRO, ALBERTO 2,914,283
FLORES, JOSE BLEN 2,710,094
FLUCKIGER, SABINE 2,502,274
FOGARTY, DANIEL M. 2,831,791
FORD, CHERYL 2,741,572
FORD, MICHAEL BRENT 2,705,169
FORGET, MARTIN 2,800,214
FOURAGE, LAURENT 2,736,602
FOUTCH, DAVID W. 2,855,867
FOX, WENDY 2,899,501
FRANCHET, JEAN-MICHEL PATRICK MAURICE 2,793,338
FRANCHET, JEAN-MICHEL PATRICK MAURICE 2,793,987
FRANZ, MARCUS 2,889,786
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,886,505
FREDERICK, KEVIN WALTER 2,908,425
FREELEN, MURPHY 2,619,133
FREESE, ROBERT 2,866,106
FRENZEL, GARY 2,701,794
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,687,682
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,741,572
FREUDENBERG OIL & GAS, LLC 2,941,781
FRIEDMAN, HARVEY 2,674,051
FROLUND, SOREN 2,854,309
FUHSE, CHRISTIAN 2,780,458
FUJIYAMA, NAOYUKI 2,887,167
FUKUMOTO, YUSUKE 2,911,742
FULLER, JOHN WILLIAM EDWARD 2,784,375
FULLER, JOHN WILLIAM EDWARD 2,784,454
FURR, DOUGLAS K. 2,716,808
GADOUCHE, KAMEL 2,777,607
GAFFKA, ANTONY 2,699,183
GAGGINI, FRANCESCA 2,737,457
GALASSO, D. ANTHONY 2,808,942
GALLERY, EILEEN D. M. 2,684,314
GALLOT, JEAN-CLAUDE 2,726,222
GAMBARDELLA, ALBERT JOHN 2,758,828
GANDHI, SANKET 2,779,614
GAO, DAQUAN 2,657,246
GAO, LIJUN 2,785,328
GAO, XIAOLIANG 2,796,488
GAPINSKI, GERALD 2,810,832
GARCIA-MARTINEZ, JAVIER 2,749,956
GARMAN, J. DAVID 2,739,416
GARZON, LAVIH 2,965,132
GARZON, MAURICE 2,965,132
GAUDREAU, MICHEL 2,800,214
GAUVIN, MICHEL 2,792,376
GE OIL & GAS CANADA INC. 2,818,250
GEACOM, INC. 2,712,504
GEALY, PRESTON L. 2,732,054
GEARY, JAMES 2,735,114
GEIGER, RALF 2,886,505
GELLINI, MARA 2,780,708
GENIN, NOEL YVES HENRI JEAN 2,844,927
GENKYOTEX SUISSE SA 2,737,457
GENSEWICH, CHRISTIAN 2,714,379
GENZYME CORPORATION 2,738,768
GEORGESON, GARY E. 2,765,088
GERICKE, DEAN A. 2,691,477
GERMINO, GREGORY G. 2,697,031
GERVAIS, OLIVIER 2,952,035
GH CARE, INC. D/B/A ALTUCELL, INC. 2,756,091
GHAGARE, MARUTI GANPATI 2,745,980
GHIRELLI, NICOLAS 2,802,208
GIBBONS, IAN 2,701,794
GIELEN, JOHANNES JACOBUS LUDGERUS 2,687,760
GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH 2,780,458
GILMER, TONA 2,777,087
GILSON SAS 2,715,759
GIRARD, MYLENE 2,795,393
GITIS, LARISA 2,700,426
GLOBAL TRAFFIC TECHNOLOGIES, LLC 2,785,818
GOEPFERICH, ACHIM 2,720,577
GOGLIO S.P.A. 2,787,988
GOGLIO, FRANCO 2,787,988
GONDER, THOMAS L. 2,484,519
GONSIOR, LUKASZ 2,780,313
GONZALES, DONALD A. 2,736,756
GONZALEZ ALEMANY, MIGUEL ANGEL 2,914,283
GONZALEZ FERNANDEZ, ENRIQUE 2,914,283
GONZALEZ PANTIGA, JUAN DOMINGO 2,914,283
GOTCH, FRANK A. 2,687,682
GOTOHTI.COM INC. 2,719,635
GRAHAM, DONALD P. 2,743,979
GRAHAM, WILLIAM DOUGLAS 2,736,297
GRANT, DUNCAN 2,806,505
GREEN TECH CO., LTD. 2,904,549
GREEN, JASON E. 2,714,126
GREEN, LUKE 2,778,219
GREENWALD, OOLA 2,681,613
GREENWOOD, DALLAS LAIRD 2,778,076
GROUPE DES ECOLES NATIONALES D'ECONOMIE ET STATISTIQUE 2,777,607
GRUBER, ERHARD 2,733,584
GRUPO AZOR MEXICO, S.A. DE C.V. 2,670,662
GRUPO AZOR MEXICO, S.A. DE C.V. 2,670,663
GUBA, WOLFGANG 2,778,219
GUERRA, DAVID A. 2,916,539
GUNDBERG, TOMAS 2,647,748

GUPTA, AJAY 2,634,751
GUZMAN CASTRO, RODRIGO 2,755,496
GWIAZDZINSKI, PAWEL 2,780,313
H. LUNDBECK A/S 2,751,322
H. LUNDBECK A/S 2,759,456
HAAF, OLIVER 2,733,584
HAAG, CHRISTIAN 2,733,584
HAGEN, ANDREAS 2,941,781
HAGIWARA, HIROKI 2,738,796
HAHN, JONGSOK 2,723,960
HALL, GREGORY T. 2,843,952
HALL, JOHN C. 2,808,942
HALLBERG, LARS 2,811,356
HALLIBURTON ENERGY SERVICES, INC. 2,866,106
HALLIBURTON ENERGY SERVICES, INC. 2,908,425
HALLIBURTON ENERGY SERVICES, INC. 2,909,247
HALLIBURTON MANUFACTURING AND SERVICES LIMITED 2,914,295
HAMALAINEN, JARI P. 2,661,073
HAMEDANI, SOHEIL 2,758,032
HAMILTON, JONATHAN K. 2,791,727
HAMMEL, CHRISTIAN 2,733,584
HAMMERSTROM, DONALD J. 2,757,737
HAN, GUANGLIN 2,847,725
HAN, JIN-KYU 2,925,851
HAN, STEVE 2,732,124
HANAWA, TATSUYA 2,770,383
HANIFL, PAUL 2,908,002
HANNA, CHARLIE 2,778,519
HANSSON, HANS-ARNE 2,650,344
HARA, MAIKO 2,792,802
HARADA, KOTARO 2,703,332
HARADA, TAKASHI 2,934,205
HAREL-BELLAN, ANNICK 2,789,407
HARLAND, RICHARD 2,738,664
HARMAN, ROBERT M. 2,848,300
HARRIS CORPORATION 2,870,047
HARRIS, DAVID J. 2,738,768
HARRIS, MARSHA J. 2,769,895
HARRIS, THOMAS D. 2,673,853
HARRISON, RICHARD H. 2,919,962
HARTMAN, DAVID P. 2,831,791
HASHEMIAN, MEHDI 2,941,781
HASHIMOTO, TATSUYA 2,911,742
HAUSER, ROBERT 2,889,786
HAWKINS, NICHOLAS 2,837,706
HAYNE, BENEDICTE 2,787,167
HAYSON, KIMBERLY S. 2,717,545
HEBERT, MARTEN 2,942,222
HEIM, MANFRED 2,780,458
HELLERBRAND, STEPHAN 2,790,259
HELMRICH, CHRISTIAN 2,886,505
HELTON, TERRY EUGENE 2,856,367
HENDRIKS, HANS 2,719,766
HERNANDEZ ALTAMIRANO, RAUL 2,723,948
HEWITT, MARY J. 2,743,979
HIBNER, JOHN A. 2,771,212
HILBERT, TIMOTHY LEE 2,856,367
HILLIER, ANDREW DEREK 2,719,720
HIRAI, TAKAHIRO 2,754,039
HIRASAWA, KAZUO 2,908,228
HIRATA, SHUICHI 2,908,228
HIRAWAT, SAMIT 2,603,402
HISAMITSU PHARMACEUTICAL CO., INC. 2,790,923
HITACHI CHEMICAL CO. AMERICA, LTD. 2,883,810
HITACHI CHEMICAL CO., LTD. 2,883,810
HITACHI KOKI CO., LTD. 2,754,039
HITCHCOCK, DANIEL W. 2,861,384
HODGSON, JOHN 2,575,288
HODOUS, BRIAN 2,785,307
HOEFT, PETER 2,732,812
HOELDER, SWEN 2,752,105
HOES, HANS 2,734,429
HOFFMAN, DANIEL R. 2,764,895
HOFFMAN, MARK A. 2,444,717
HOFFMAN, WILLIAM C. 2,717,545
HOFFMANN, MARTIN 2,907,590
HOHENHAUS, JOHANNES 2,917,084
HOHL, CARSTEN 2,881,418
HOLMES, ELIZABETH A. 2,701,794
HOLTBY, QUINN A.J. 2,778,076
HOMANN, JOERN 2,888,031
HONDA MOTOR CO., LTD. 2,941,715
HONEYWELL INTERNATIONAL INC. 2,754,738
HONG JIN INDUSTRY CO., LTD. 2,910,217
HOPF, CHRISTIAN 2,907,590
HOPP, DAVID M. 2,731,724
HORIUCHI, TAKAMOTO 2,754,039
HORTIG, PHILIPP J. 2,811,356
HOSIDEN CORPORATION 2,809,935
HOTTA, YUTAKA 2,909,869
HOWELL, STEPHEN M. 2,721,735
HOWMEDICA OSTEONICS CORPORATION 2,721,735
HU, LILI 2,760,329
HU, YANG 2,790,293
HU, YUNTAO THOMAS 2,908,425
HUANG, KEJI 2,938,242
HUANG, KUO-CHAN 2,923,069
HUANG, LEI 2,931,069
HUAWEI TECHNOLOGIES CO., LTD. 2,759,462
HUAWEI TECHNOLOGIES CO., LTD. 2,804,141
HUAWEI TECHNOLOGIES CO., LTD. 2,847,725
HUAWEI TECHNOLOGIES CO., LTD. 2,898,053
HUAWEI TECHNOLOGIES CO., LTD. 2,910,662
HUAWEI TECHNOLOGIES CO., LTD. 2,920,052
HUAWEI TECHNOLOGIES CO., LTD. 2,924,486
HUAWEI TECHNOLOGIES CO., LTD. 2,938,242
HUBBELL, JEFFREY A. 2,735,318
HUGHES, CHARLES J. 2,917,296
HULL, JOHN RALPH 2,864,803
HUMMEL, CLEMENS 2,811,356
HUNDORF, HARALD HERMANN 2,733,472
HUNGENBERG, HEIKE 2,708,479
HUNGENBERG, HEIKE 2,723,616
HUNTER DOUGLAS INC. 2,831,791
HUNTSMAN INTERNATIONAL LLC 2,761,483
HUOT, STEPHAN 2,944,360
HYDRO-QUEBEC 2,792,376
HYUNDAI STEEL COMPANY 2,913,894
IANNUZZELLI, RUSSELL 2,758,828
IBARRA GARCES, JORGE 2,835,775
IBIQUITY DIGITAL CORPORATION 2,758,828
IFP ENERGIES NOUVELLES 2,736,602
IHI AEROSPACE CO., LTD. 2,934,205
IHI CORPORATION 2,934,205
IKERCHEM, S.L. 2,776,351
ILLINOIS TOOL WORKS INC. 2,843,952
IMAMORI, SATOSHI 2,941,715
IMI SYSTEMS LTD. 2,867,553
IMO INDUSTRIES, INC. 2,907,590
IMPERIAL OIL RESOURCES LIMITED 2,780,670
IMPERIAL OIL RESOURCES LIMITED 2,867,357
IMPERIAL OIL RESOURCES LIMITED 2,933,966
IMPERIAL OIL RESOURCES LIMITED 2,952,035
INCE, STUART 2,752,105
INDUSTRO INTERNATIONAL CO., LTD. 2,923,069
INNES, STUART MARTIN 2,793,444
INNITZER, GREGOR 2,758,032
INSERM 2,681,170
INSTITUTE OF SUBTROPICAL AGRICULTURE, CHINESE ACADEMY OF SCIENCES 2,771,927
INSTITUTO MEXICANO DEL PETROLEO 2,723,948
INTES, XAVIER 2,581,400
IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. 2,860,266
ISHIKUBO, AKIRA 2,871,024
ISHIMOTO, KENJI 2,934,205
ISTITUTO ORTOPEDICO RIZZOLI 2,780,708
ISTITUTO SUPERIORE DI SANITA' 2,780,708
ITAGAKI, OSAMU 2,937,347
ITO, TAIJI 2,670,744
ITOGA, MICHITARO 2,909,869
IVOSEVIC, MILAN 2,883,383
IWASHIMA, ATSUSHI 2,871,964
IZAWA, HIDEO 2,703,312
IZAWA, HIDEO 2,703,332
IZUMIMOTO, NAOKI 2,805,371
JABLONSKI, LAURENT 2,782,249
JACHOWICZ, JADWIGA 2,779,614

JACOBS, CHARLES P. 2,754,824
JACQUES, RYAN 2,945,328
JAESCHKE, GEORG 2,778,219
JAFARIAN, AMIN 2,926,473
JAIN, ROHIT ROCKY 2,617,772
JANSSEN PHARMACEUTICA N.V. 2,450,502
JANSSEN PHARMACEUTICA NV 2,728,616
JANSSEN PRODUCTS, L.P. 2,760,329
JENNISCHE, EVA 2,650,344
JEONG, JISU 2,723,960
JESCHKE, PETER 2,723,616
JFE STEEL CORPORATION 2,817,504
JI, HYOUNG-JU 2,925,851
JI, KUN 2,900,767
JI, XIAOMING 2,796,488
JIANG, PEIJUN 2,938,242
JIANG, YI 2,847,725
JOANNY, FABIENNE 2,724,903
JOHNSON OUTDOORS INC. 2,895,863
JOHNSON, ERIK V. 2,745,500
JOHNSON, MARVIN M. 2,749,956
JOHNSON, MAT 2,712,504
JOHNSON, ROBERT T. 2,859,809
JOHNSON, STEVEN ANDREW 2,758,828
JOHNSTON, KEITH P. 2,743,789
JOLIDON, SYNESE 2,778,219
JOLY, PHILIPPE GERARD EDMOND 2,782,249
JONCKERS, TIM HUGO MARIA 2,760,329
JONES, CHRISTOPHER MICHAEL 2,866,106
JONGREN, GEORGE 2,790,293
JORGENSEN, MORTEN 2,751,322
JOSEPH, ALBERT F. 2,717,545
JOSEPH, JOY 2,860,266
JOZEFIAK, THOMAS H. 2,738,768
JP3 MEASUREMENT, LLC 2,884,722
JPB SYSTEME 2,780,167
JUDO WASSERAUFBEREITUNG GMBH 2,754,079
JUNKER, SHAWN WALDEN 2,798,216
KABA GALLENSCHUTZ GMBH 2,847,029
KADAM, MADHUR 2,897,596
KALYANARAMAN, BALARAMAN 2,860,266
KALYANARAMAN, MOHAN 2,856,367
KAMIKAWA, YOSHIKAZU 2,908,228
KANE, JOHN 2,738,768
KANG, CHIL-YONG 2,764,903
KANG, LING-LING 2,792,484
KANKAN, RAJENDRA NARAYANRAO 2,745,980
KANTHASAMY, ANUMANTHA 2,860,266
KAPA, PRASAD KOTESWARA 2,781,431
KARST, DANIEL L. 2,883,087
KATCH KAN HOLDINGS LTD. 2,778,076
KATNIKOV, ALEXEI 2,715,241
KATO, TAKESHI 2,848,817
KATO, YUKIO 2,792,802
KATZ, GARY 2,899,501
KAUFER, BENEDIKT B. 2,738,664
KAUTZ, MARTIN 2,753,006
KAWASAKI JUKOGYO KABUSHIKI KAISHA 2,871,964
KAWASAKI JUKOGYO KABUSHIKI KAISHA 2,877,841
KAZMI, MUHAMMAD 2,777,215
KEEN, BRIAN T. 2,717,545
KEENER, STEVEN G. 2,890,972
KELLOMAKI, MARKKU 2,754,738
KELLY, BRIAN J. 2,637,574
KELLY, PATRICK L. 2,854,657
KELLY, STEPHEN RICHARD 2,722,465
KEMP, GARY ALLAN II 2,425,107
KETTERER, NICOLE A. 2,838,272
KEY, MARC 2,508,113
KFIR, AVIV 2,898,053
KHAN, ALI RAZA 2,957,445
KHAN, ZAFAR 2,717,056
KHARCHENKO, ANDRIY 2,762,319
KHORSANDI, MEHRAN 2,739,007
KILIBARDA, VELIBOR 2,784,290
KIM, BYUNG-SIK 2,925,851
KIM, GYUONG NYOUN 2,764,903
KIM, JE WOO 2,818,930
KIM, JINPIL 2,887,659
KIM, JOO YOUNG 2,836,888
KIM, KYUNGHO 2,887,659
KIM, SUNG KYU 2,913,894
KIM, WON KI 2,875,396
KIM, YOUNG-BUM 2,925,851
KIMBLE, DAVID M. 2,484,519
KIMURA, KEIJI 2,670,744
KINOSHITA, SHIGERU 2,697,895
KIRBY, GARY E. 2,728,485
KIVIMAKI, ILKKA 2,827,808
KLANKERS, HANS-JUERGEN 2,756,588
KLEIN, GILLES CHARLES CASIMIR 2,793,338
KLEIN, GILLES CHARLES CASIMIR 2,793,987
KLOEPFER, MICHAEL 2,972,630
KNAUB, DAVID RANDALL 2,800,288
KNIFFLER, OLIVER 2,909,712
KNOCHEL, PAUL 2,752,179
KO, MEI-CHUAN HOLDEN 2,657,246
KOBAYASHI, HIDETO 2,809,935
KOBENHAVNS UNIVERSITET 2,665,356
KOCH, CHRISTOPH 2,889,786
KOIZUMI, NORIKO 2,697,895
KOLLS, BROCK H. 2,814,614
KOLLS, H. BROCK 2,814,644
KOMINOX, INC. 2,719,766
KOREA ELECTRONICS TECHNOLOGY INSTITUTE 2,818,930
KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION 2,875,396
KOROLUK, DEVON C. 2,952,035
KORSMEYER, STANLEY J., (DECEASED) 2,830,063
KOSINSKI, ANTHONY J. 2,767,663
KOSINSKI, DAVID 2,904,296
KOSKIMAKI, ANTTI 2,905,470
KOTALA, ARI 2,905,470
KOTONEVA, JARI 2,935,419
KOTZIAS, BERNHARD 2,924,531
KOVACH, JOSEPH E. 2,831,791
KRAFT, THOMAS 2,687,760
KRAFT, ULRICH 2,619,133
KRAMER, THOMAS E. 2,732,812
KRAUSE, AXEL 2,733,472
KRISTJANSDOTTIR, SIGRIDUR SOLEY 2,878,331
KRONTHALER, ULRICH 2,728,012
KRUSE, GLEN ANDREW 2,870,414
KT CORPORATION 2,836,888
KUBOYAMA, TAKESHI 2,800,818
KUEHBANDNER, ERICH 2,908,617
KUMAR, RAKESH 2,777,087
KUMMER, RANDY 2,668,433
KURIHARA, KATSUMI 2,754,039
KUSTER, HANS-WERNER 2,920,464
KUTASI, JOZSEF 2,877,998
KVERNELAND GROUP OPERATIONS NORWAY AS 2,781,172
KWON, HWAN-JOON 2,925,851
KWON, JAE CHEOL 2,836,888
KWON, YOUNG MIN 2,657,246
KWON, YOUNGHWAN 2,887,659
KYOWA HAKKO KIRIN CO., LTD. 2,800,818
L. J. DA SILVA, ICARO 2,915,850
LABRIE, FERNAND 2,879,648
LACKNER, JOSEPH M. 2,862,112
LAHTINEN, MARKKU 2,775,683
LAHTIRANTA, ATTE 2,661,073
LAIRD, CAMERON JAMES 2,752,081
LAL, GAURI SANKAR 2,896,721
LALEU, BENOIT 2,737,457
LAMBERT, CHAD D. 2,674,388
LAMBERT-VAN DER BREMPT, CHRISTINE MARIE PAUL 2,776,994
LAMPING, NORBERT 2,502,274
LANDGRAF, ANDREAS 2,777,796
LANDRY, DONALD 2,657,246
LANG, PHILIPP 2,771,573
LANG, WIEGAND 2,728,012
LANGE, STEFAN 2,650,344
LANTHEUS MEDICAL IMAGING, INC. 2,673,853
LANTMANNEN AS-FAKTOR AB 2,650,344
LAQUERRE, SYLVIE 2,777,087
LARSEN, JENNIFER 2,751,322
LARSEN, LARS, ERUP 2,647,748
LARSEN, TY A. 2,859,809
LASECKI, JONATHAN R. 2,862,112
LAU, EIK-LANG 2,899,501
LAUX, STEFAN E.F. 2,787,878
LAWSON, ALASTAIR DAVID GRIFFITHS 2,658,542

LDR HOLDING CORPORATION 2,773,723
LE HIR DE FALLOIS, LOIC PATRICK 2,784,122
LEA, SCOTT W. 2,765,088
LEANECO APS 2,771,838
LEBOWITZ, PETER F. 2,777,087
LECHUGA GOMEZ, LAURA MARIA 2,693,423
LEE, ANITA S. 2,933,966
LEE, EDWARD 2,738,768
LEE, HOSEONG 2,723,960
LEE, HYEONJAE 2,887,659
LEE, HYOUNG IK 2,784,122
LEE, JAEKOO 2,887,659
LEE, JU-HO 2,925,851
LEE, MINSOO 2,887,659
LEE, SANG BONG 2,913,894
LEE, SUCK YOUN 2,913,894
LEE, TIEN-YI 2,657,246
LEEMAN, DANIEL J. 2,769,895
LEHMANN, KIRK A. 2,787,941
LEINO, TIMO 2,905,470
LEMKE, TRENT 2,790,131
LEMOINE, GEORGE 2,846,303
LEO, ALFIN 2,755,012
LEONARD, FRANCOIS 2,792,376
LEROUX, ARTHUR 2,787,167
LESAGE, CLAUDE 2,772,442
LESAGE, JEAN-CLAUDE 2,772,442
LESAGE, JEAN-CLAUDE 2,856,880
LESAGE, PHILIPPE 2,787,167
LEVI, NICOLE H. 2,710,880
LEVINE, MIKAELA 2,738,768
LEWIS, PAUL ANTHONY 2,853,737
LG ELECTRONICS INC. 2,887,659
LI, ALLEN J. 2,940,763
LI, DONGSHENG 2,907,889
LI, GUOSHENG 2,931,069
LI, MING 2,796,488
LI, YANG 2,842,247
LIAO, CHUIXIN 2,806,138
LIAO, JUNKAI 2,738,768
LIFESCAN, INC. 2,619,133
LIFFRING, MARK E. 2,859,809
LIGER, KARINE 2,802,208
LIGHT PRESCRIPTIONS INNOVATORS, LLC 2,710,094
LIND, HOLGER 2,728,012
LINDE AKTIENGESELLSCHAFT 2,616,568
LINDEMANN, LOTHAR 2,778,219
LINDGREN, LAWRENCE S. 2,765,088
LIPPS, BENJAMIN J. 2,741,572
LIPS, ALEXANDER 2,719,069
LITTLE, JOSEPH PAUL, III 2,884,722
LITTORIN, ANDERS 2,763,447
LIU, JIE 2,710,880
LIU, NINGSHU 2,752,105
LIU, SHENGYI 2,785,328
LIU, WEIPING 2,931,069
LIVCHAK, ANDREY V. 2,786,557
LIVCHAK, ANDREY V. 2,787,151
LOEFFLER, RANDY JACK 2,908,425
LOERMANS, ANTONIUS M. 2,830,871
LOIBNER, HANS 2,709,895
LONG, CHARLES F. 2,784,375
LONG, CHARLES F. 2,784,454
LOPES-FERREIRA, NICOLAS 2,736,602
LOPEZ DE DIEGO, HEIDI 2,759,456
LOPEZ RAMIREZ, SIMON 2,723,948
LOU, ANJING 2,719,069
LOUKUS, ADAM R. 2,870,759
LOUKUS, JOSH E. 2,870,759
LOURENCO, JOSE 2,774,872
LU, PETER S. 2,739,416
LUBINSKI, JOHN 2,674,051
LUBRIZOL ADVANCED MATERIALS, INC. 2,754,824
LUCA, GIOVANNI 2,756,091
LUDWIG-MAXIMILIANS-UNIVERSITAET MUENCHEN 2,752,179
LUO, FULONG 2,931,069
LUTFY, ANDRE 2,850,325
LUU, FRANCIS 2,908,024
LV, JIE 2,924,486
LYDECKER, STEPHEN HAIGHT 2,870,414
LYERLY, DAVID M. 2,872,482
LYONS, CHRISTOPHER 2,738,192
M-I L.L.C. 2,758,778
MA, JIE 2,759,462
MACDONALD, JOANNE 2,657,246
MACKIN, STEVE G. 2,855,867
MACLEOD, IAIN 2,927,001
MAERTENS, ANDREW JOSEPH 2,972,630
MAERTENS, LUC 2,741,593
MAGNA INTERNATIONAL INC. 2,674,388
MAGNA SEATING INC. 2,761,044
MAGNUSON, JON A. 2,808,942
MAIER, HANS-OTTO 2,789,191
MAIER, THOMAS 2,752,105
MAKAROV, VADIM 2,817,931
MALLANO, ALESSANDRA 2,780,708
MANDEL, ULLA 2,665,356
MANERA, DAVID A. 2,764,895
MANNKIND CORPORATION 2,779,614
MANOKARAN, AYYAPPAN 2,717,354
MAO, YANMIN 2,737,899
MARC, DAMIEN 2,780,167
MARDAGA, BENJAMIN 2,862,033
MARGEOT, ANTOINE 2,736,602
MARINI, FABRIZIO 2,802,208
MARKS, LARRY D. 2,691,477
MARKUS, KAI ULF 2,743,076
MARONEY, MICHAEL R. 2,945,054
MARQUES, ANTONIO 2,955,803
MARSEILLE, OLIVER K. 2,787,941
MARTIG, THOMAS H. 2,864,803
MARTIN, CHRISTIAN 2,907,590
MARTIN, FRANCIS J. 2,792,484
MARTINEAU, PIERRE EMILE ULYSSE 2,681,170
MARTINEZ GUTIERREZ, JAVIER 2,914,283
MARTINEZ, LUIS 2,789,407
MASDEU MARGALEF, MARIA DEL CARMEN 2,776,351
MASON, VANESSA 2,897,434
MASSACHUSETTS EYE & EAR INFIRMARY 2,743,436
MASSON, RICHARD 2,793,987
MATHIS, HUGUES 2,736,602
MATIAN, GREG 2,619,133
MATSUDO, TOSHIYUKI 2,790,923
MATSUO, KAZUYA 2,871,964
MATTSON, STEPHEN DOUGLAS 2,758,828
MAX CO., LTD. 2,937,347
MAY, DARRELL R. 2,617,772
MAZER, TERRENCE 2,899,501
MAZUSKI, MARIA ANDREA 2,743,789
MAZZARESE, DAVID 2,920,052
MCALISTER, GRANT ALEXANDER MACDONALD 2,776,384
MCCABE, MICHAEL A. 2,908,425
MCCALLIE, DAVID P., JR. 2,444,717
MCCARTHY, STEPHEN J. 2,856,367
MCCORMICK, PETER 2,735,114
MCCRACKEN, SHARON 2,684,314
MCD TECHNOLOGIES SARL 2,896,462
MCGARIAN, BRUCE HERMANN FORSYTH 2,914,295
MCGAW, DAVID 2,821,544
MCKECHNIE, BETH 2,738,796
MCKENNA, JOSEPH 2,781,431
MCKINNEY, KELSEY A. 2,898,348
MCKINSTRY, DAVID 2,907,590
MCNEELY, MICHAEL RYAN 2,949,863
MDS GLOBAL HOLDING P.L.C. 2,804,027
MEDICAL COLLEGE OF WISCONSIN, INC. 2,860,266
MEDICIS PHARMACEUTICAL CORPORATION 2,785,353
MEDIVIR AB 2,760,329
MEEUSEN, TOM JULIA LEON 2,450,502
MEHATS HIBON, AUDE 2,727,895
MENA CERVANTES, VIOLETA YASMIN 2,723,948
MENDIOLAGOITIA JULIANA, JOSE 2,914,283
MERA, SUMITO 2,703,332
MERCADO, MARY LYNN 2,738,796
MERCHANT, MATT 2,664,704
MERCIER, CRAIG 2,872,008
MERCK PATENT GMBH 2,749,015
MERCK PATENT GMBH 2,785,307
MEREDITH, PHILIP J. 2,786,557
MERIAL, INC. 2,784,122
MERIAL, INC. 2,844,927
MERLIN, SIMONE 2,926,473
MERRILL, DAN A. 2,898,348
MERRITT, STEVEN J. 2,755,649
MESSERSCHMID, ROMAN 2,726,267
MESSIER-BUGATTI-DOWTY 2,793,987
METALSISTEM S.P.A. 2,709,049

METALTEK INTERNATIONAL, INC. 2,810,832
METTON AMERICA, INC. 2,848,817
METZNER, HUBERT 2,728,012
MEYNEN, SANDRA MARIE LOUISE 2,761,483
MICHEL, NADINE 2,802,599
MICHEL, WALTER F. 2,553,258
MICLAU - S.R.I. INC. 2,772,442
MICLAU-S.R.L. INC 2,856,880
MIDREX TECHNOLOGIES, INC. 2,810,832
MIELE, VINCENT J. 2,805,250
MILDH, GUNNAR 2,915,850
MILLAR, MACKENZIE 2,774,872
MILLER, LANGDON 2,603,402
MILLET, FREDERIC 2,715,759
MINAMI, HIROYUKI 2,848,817
MINANO, JUAN CARLOS 2,710,094
MIRBACH, ALI 2,719,635
MISTRETTA, NOELLE 2,761,924
MITSUBISHI ELECTRIC CORPORATION 2,887,167
MITSUHASHI, MASATO 2,883,810
MIYAKOSHI PRINTING MACHINERY CO., LTD. 2,703,312
MIYAKOSHI PRINTING MACHINERY CO., LTD. 2,703,332
MIYOSHI, TATSUYA 2,817,504
MIZUSAKI, TOMOTERU 2,924,326
MIZUSHIMA, HIROSHI 2,919,672
MO, MO 2,898,053
MOCHIZUKI, HIDENORI 2,805,371
MOFFETT, ROBERT HARVEY 2,878,331
MOINEAU, GEORGES 2,862,033
MOJTABAVI, MEHDI 2,800,288
MOLLER, KARL H. 2,854,691
MONNERAT, MICHEL 2,792,660
MOON, KYOUNGSOO 2,887,659
MORAG, OMRI 2,851,129
MORALEDA, KAREN 2,779,614
MORAN GARCIA, EDUARDO 2,914,283
MORAN, TIM 2,908,002
MOREAU, MONIQUE 2,761,924
MORGENTIN, REMY ROBERT 2,776,994
MORI, YUJI 2,934,205
MORIKAWA, CHIZURU 2,727,351
MORIMOTO, KUMI 2,790,923
MORK, NIELS 2,751,322
MORRIS, JONATHAN M. 2,684,314
MORRIS, ROBERT A. 2,769,895
MORRIS, ROBERT A. 2,791,727
MORRIS, SHANNON RENAE 2,777,087
MORRISSEY, FRANCES 2,769,247
MORYKWAS, MICHAEL J. 2,710,880
MOSCOVICI, DANIEL 2,898,053
MOSRIN, MARC 2,752,179
MOTH, KLAUS 2,771,838
MUELLER, JAN 2,755,063
MUENZE OSTERREICH AG 2,758,032
MUGGLESTONE, JONATHAN 2,885,558
MURATORE, AGNES 2,773,226
MURISON, BRUCE 2,885,870
MUUTTONEN, TIMO 2,905,470
MYERS, BRIAN 2,764,895
MYERS, SCOTT D. 2,637,574
MYERS, THOMAS W. 2,857,530
N.E. CHEMCAT CORPORATION 2,924,326
NADAUD, NICOLAS 2,762,319
NAGAMORI, KIYOTAKA 2,924,326
NAGATA, TAKAYUKI 2,809,935
NAGEL, FREDERIK 2,886,505
NAIR, HARI 2,933,966
NAKAJIMA, SEIJI 2,817,504
NAKAMARU, HIROKI 2,817,504
NAKAMURA, REMI 2,727,351
NAKAMURA, YASUSHI 2,745,610
NAKAMURA, YOKO 2,924,326
NAKAYAMA, SHINYA 2,745,610
NAOI, TOMOYUKI 2,800,818
NARASIMHAN, DIWAHAR L. 2,657,246
NASTRUZZI, CLAUDIO 2,756,091
NATIONAL OILWELL DHT, L.P. 2,882,310
NETI UEPS TECHNOLOGIES, INC. 2,669,320
NEUKAM, CHRISTIAN 2,886,505
NEUMANN, CHRISTOPHER 2,941,781
NG, MAN KIT 2,830,755
NG, YING YUK 2,781,401
NGUYEN, TUE GIA 2,684,314
NIAZI, KAYVAN 2,829,654
NIEDERAUER, GABRIELE G. 2,736,756
NIELINGER, HELGA 2,888,031
NIKE INNOVATE C.V. 2,770,115
NILICA, ROLAND 2,840,261
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,885,233
NISHIMURA, SHINPEI 2,790,923
NOKIA TECHNOLOGIES OY 2,661,073
NONO INC. 2,739,416
NORBERG, HANNA 2,763,447
NORCHI, TERRENCE W. 2,722,465
NORDMECCANICA S.P.A. 2,650,749
NORGINE BV 2,769,247
NOVARTIS AG 2,777,087
NOVARTIS AG 2,781,431
NOVARTIS TIERGESUNDHEIT AG 2,738,664
NOWITZKI, WESLEY JOHN 2,911,955
NOZARI, FARHAD 2,871,964
NUGENT, ANTHONY JOSEPH 2,701,794
O'BRIEN, VICTORIA MOORE 2,764,895
O'NEIL, CONLIN P. 2,735,318
O'RIORDAN, MARK 2,824,649
OBOTICS INC. 2,885,870
OETTER, GUENTER 2,777,535
OFSTHUN, NORMA J. 2,741,572
OH, SEJIN 2,887,659
OHIRA, HIROSHI 2,754,039
OHNECK, RANDALL CRAIG 2,682,999
OJEDA ARENAS, JOSE 2,914,283
OK, MYUNGAHN 2,723,960
OKADA, HIDEKI 2,877,841
OKADA, TAKESHI 2,908,228
OKAZAKI, MARK E. 2,838,272
OKU, YOUSUKE 2,885,233
OKUMURA, IKUO 2,934,205
OLDENBURG, PAUL D. 2,867,357
OLEKSIEW, CLIFFORD 2,942,222
OLIVERI, CHRISTOPHER G. 2,856,367
OLSON, MARK H. 2,619,133
OLSZANSKI, MAREK 2,780,313
OMACHRON INTELLECTUAL PROPERTY INC. 2,888,402
OMACHRON INTELLECTUAL PROPERTY INC. 2,915,197
ONODERA, NAOTO 2,911,742
OPHARDT, HEINER 2,719,635
ORCHARD, MIKE 2,737,457
ORGAN ASSIST B.V. 2,847,368
ORION DIAGNOSTICA OY 2,715,241
ORTHOSONICS LIMITED 2,590,344
OSBORNE, JILL LINDSEY 2,749,660
OSTERRIEDER, NIKOLAUS 2,738,664
OTAEGUI ANSA, DORLETA 2,776,351
OUTOTEC OYJ 2,775,683
OUTOTEC OYJ 2,806,505
OY HALTON GROUP LTD. 2,786,557
OY HALTON GROUP LTD. 2,787,151
OZAKI, NOZOMU 2,670,744
PADFIELD, DAWN 2,769,247
PAETZOLD, MATTHIAS 2,789,191
PAGE, PATRICK 2,737,457
PARANTA BIOSCIENCES LIMITED 2,821,544
PARK, ILWHAN 2,721,735
PARK, JANGWOONG 2,887,659
PARTRIDGE, RANDALL D. 2,830,755
PARVIN, CURTIS 2,762,415
PASKAL TECHNOLOGIES AGRICULTURE COOPERATIVE SOCIETY LTD. 2,851,129
PASSY-MUIR, INC. 2,694,942
PATEL, MAYUR NAVNITBHAI 2,738,664
PATEL, PRITESH G. 2,896,721
PATELLA, SHANE 2,821,544
PATTEN, NANCY 2,857,530
PATTON MEDICAL DEVICES, LP 2,672,299
PATTON, CATHERINE 2,672,299
PAUNOV, ILKO 2,755,012
PAYOT, SYLVAIN 2,862,033
PELTONIEMI, KAARLE 2,775,683
PENLESKY, ROBERT G. 2,883,087
PERKINS, DAVID 2,866,106
PERLMAN, STEPHEN G. 2,707,608
PESONEN, LAURI, P. 2,775,683
PETERSEN, DAVE 2,888,402
PEUKER, URS 2,753,006
PFAHNL, ANDREAS CARL 2,760,550
PFISTER, JURG R. 2,788,364
PHAKDEEKITCHAROEN, BUNYONG 2,697,031
PHAN, PHILLIP C. 2,663,857
PHILLIPS, DAVID 2,821,544
PHL AUDIO 2,787,167
PICCI, PIERO 2,780,708
PICHE, MATHIEU 2,800,214
PICHER, PATRICK 2,792,376

PIERCE, TROY A. 2,787,335
PIERS, PATRICIA ANN 2,765,168
PIERSON, JEAN-FRANCOIS 2,789,088
PIN, PIERRE 2,687,760
PITCHUMANI, SETHURAMAN 2,717,354
PLE, PATRICK 2,776,994
POH, SHAUN MICHAEL 2,798,216
POLARIS INDUSTRIES INC. 2,787,335
POST, MARC 2,888,031
POTTS, TERENCE SCOTT 2,820,496
POWERMAT TECHNOLOGIES LTD. 2,681,613
PRADHAN, ANSHU 2,797,826
PRAXAIR TECHNOLOGY, INC. 2,787,878
PREDTECHENSKIY, MIKHAIL RUDOLFOVICH 2,896,462
PREMIUM AEROTEC GMBH 2,714,379
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,830,063
PRIMALOFT, INC. 2,897,434
PRINCE CASTLE LLC 2,738,192
PRINOTH S.P.A. 2,755,063
PROTEUS 2,736,602
PRS MEDICAL TECHNOLOGIES, INC. 2,940,763
PSION INC. 2,737,899
PTC THERAPEUTICS, INC. 2,603,402
PUAH, CHUM MOK 2,793,923
PUCCETTI, PAOLO 2,756,091
PURKIS, DANIEL GEORGE 2,794,329
PUROHIT, AJAY 2,673,853
PUROLATOR INC. 2,752,081
PYRON, STEVEN W. 2,898,348
QIU, QIANG 2,719,069
QUALCOMM INCORPORATED 2,926,473
QUAN, WEI 2,847,725
QUANDT, GENE A. 2,819,983
QUINN, JOHN F. 2,637,574
QUIROGA SANCHEZ, ANA BELEN 2,914,283
QUIROZ VENEGAS, OSVALDO 2,755,496
RABIZADEH, SHAHROOZ 2,829,654
RABOISSON, PIERRE JEAN-MARIE 2,760,329
RADEKE, HEIKE S. 2,673,853
RADEMAKER, BERNARDUS 2,719,766
RAFII, MICHAEL 2,738,796
RAHM, MICHAEL 2,780,458
RAJESH, GOPALASWAMY 2,814,614
RAJESH, GOPALASWAMY 2,814,644
RAJU SEETHARAMAN, GOPINATH 2,738,664
RAKHORST, GERHARD 2,847,368
RAMLER, TRAVIS G. 2,736,879
RANDALL, MICHAEL ADAM 2,769,208
RAO, DHARMARAJ RAMACHANDRA 2,745,980
RAUCH, ANDREAS 2,780,458
RAY, PINAKI 2,619,133
RAYTHEON COMPANY 2,743,979
RAZ, DAN 2,880,700
REDDY, SAI T. 2,735,318
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG 2,840,261
REHWINKEL, HARTMUT 2,752,105
REICHOW, ALAN W. 2,770,115
REL, INC. 2,870,759
RENAULD-MONGENIE, GENEVIEVE 2,761,924
RESCOURIO, GWENAELLA 2,788,364
RETTI, KAHRL 2,706,779
REYES, HECTOR M. 2,743,979
REYMOND, VINCENT 2,762,319
RICCI, ANTONIO 2,778,219
RIENDEAU, SYLVAIN 2,792,376
RIGAUD, MARTIN 2,920,464
RINBERG, GREGORY 2,880,700
RIVE TECHNOLOGY, INC. 2,749,956
ROBERTS, RANDY S. 2,911,955
ROBINSON, SIMON P. 2,673,853
ROCA I CABARROCAS, PERE 2,745,500
ROCKTAPE, INC. 2,973,527
RODRIGUES, MIGUEL ANGELO 2,743,789
ROECHER, WOLFGANG 2,777,796
ROFE, ARIK 2,681,613
ROGERS, SCOTT ALFRED 2,798,216
ROKBI, BACHRA 2,761,924
ROMAN, SHAWN D. 2,637,574
ROMMELAERE, JEAN 2,802,599
ROS ZUAZUA, PEDRO 2,914,283
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,835,171
ROSENBERGER, BERND 2,835,171
ROSENBERGER, LARS 2,847,029
ROSENQUIST, TOBIAS 2,874,105
ROSS, GRAHAM 2,773,332
ROUILLARD, CLAUDE 2,732,440
ROUSSEAU, GUILLAUME 2,722,074
ROZBICKI, ROBERT 2,797,826
RPOST INTERNATIONAL LIMITED 2,717,056
RUBIO, MIGUEL ANGEL SILVA 2,670,662
RUBIO, MIGUEL ANGEL SILVA 2,670,663
RUEHER, DANIEL 2,778,219
RUFFIN, MARSHALL 2,637,574
RUFFNER, THOMAS G. 2,854,691
RUGGED LINER, INC. 2,904,296
RUMIESZ, JOSEPH JR. 2,897,434
RUNE, JOHAN 2,915,850
RUNYAN, MAX 2,890,972
RUSHTON, NEIL 2,727,895
RUSSELL, NICHOLAS JAMES 2,843,917
RUSSELL, TIMOTHY 2,778,519
RUST, MATTHEW 2,732,812
RUTHERFORD, MICHAEL 2,778,519
S&C ELECTRIC COMPANY 2,945,054
SABIC SK NEXLENE COMPANY PTE. LTD. 2,723,960
SAGA UNIVERSITY 2,765,560
SAGE PRODUCTS, LLC 2,908,002
SAHU, AKHILA KUMAR 2,717,354
SAINT-GOBAIN GLASS FRANCE 2,762,319
SAINT-GOBAIN GLASS FRANCE 2,888,106
SAINT-GOBAIN GLASS FRANCE 2,920,464
SAINT-GOBAIN INNOVATIVE MATERIALS BELGIUM S.A. 2,862,033
SAKO, YOICHIRO 2,670,744
SALOME, NATHALIE 2,802,599
SALTER, MICHAEL W. 2,739,416
SALVAT, LOUIS 2,793,987
SAMEK, DAVID M. 2,895,863
SAMSUNG ELECTRONICS CO., LTD. 2,925,851
SAMSUNG PAY, INC. 2,929,871
SAN SEBASTIAN LARZABAL, EIDER 2,776,351
SANDFORD, HAROLD F. 2,741,572
SANDVIK MINING AND CONSTRUCTION OY 2,905,470
SANOFI PASTEUR 2,761,924
SANTAMARIA, ALEJANDRO 2,814,614
SANTAMARIA, ALEJANDRO 2,814,644
SANTOWSKI, KLAUS 2,840,261
SANTUCCI, ALESSIA 2,802,208
SAROJ, SUNILKUMAR PARASNATH 2,745,980
SASAKI, TSUYOSHI 2,919,672
SAUDI ARABIAN OIL COMPANY 2,848,192
SAVOIE, NICOLE 2,944,360
SCHADT, OLIVER 2,749,015
SCHARMULLER, CHRISTINE 2,928,990
SCHARMULLER, JOSEF 2,928,990
SCHARMULLER, JOSEF JUN. 2,928,990
SCHERER, ANDREW J. 2,694,942
SCHLIWA, RALF 2,924,531
SCHMIDT, ELISABETH 2,753,006
SCHMIDT, KONSTANTIN 2,886,505
SCHMIDT, MATTIAS 2,733,472
SCHMIDT, NORMAN G. 2,665,405
SCHMIDT, VOLKER 2,722,499
SCHMOLL, HORST 2,789,191
SCHMUCKLE, DARRIN 2,672,299
SCHOENBRUNNER, NANCY 2,857,530
SCHOLVINCK, MICHIEL OLIVIER 2,804,027
SCHOOFS, LILIANE AMELIE HENRICA 2,450,502
SCHRATTENECKER, FRANZ 2,708,107
SCHREIBER, WALTER 2,920,464
SCHROCK, DEREK W. 2,786,557
SCHULTE, STEFAN 2,728,012
SCHULTZ, DOUGLAS C. 2,866,071
SCHUSTER, MANFRED 2,709,895
SCHWARTZ, ANNA 2,867,553
SCHWARZBART, WERNER 2,889,786
SCHWEFE, THORSTEN 2,880,700
SCOTLANDI, KATIA 2,780,708
SCOTT, GEORGE R. 2,780,670
SEALS, ROBERT G. 2,731,724

SEB S.A. 2,789,088
SEDLAK, HOLGER 2,909,712
SEIDEL, ANDREAS 2,756,588
SEIGN LLC 2,752,549
SEKISUI MEDICAL CO., LTD. 2,727,351
SEKISUI MEDICAL CO., LTD. 2,745,610
SEKIZAWA, HIDEHIKO 2,670,744
SELDON, CHRIS 2,769,247
SELNER, ALLEN JOSEPH 2,821,424
SENE, LAURENT H. 2,843,952
SENEVIRATNE, ATTANAYAKE MUDIYANSELAGE GAMINI 2,936,644
SENJU PHARMACEUTICAL CO., LTD. 2,697,895
SERGI, GEORGE 2,936,644
SERJEANTSON, KIRK EDWARD 2,752,081
SETOYAMA, JUNICHI 2,703,312
SETOYAMA, JUNICHI 2,703,332
SEVERNS, CHRISTOPHER M. 2,859,809
SGL CARBON SE 2,889,786
SHAFFER, TIMOTHY D. 2,830,755
SHAH, DILIPKUMAR NANDLAL 2,896,721
SHAKESPEARE, JOHN F. 2,754,738
SHAKESPEARE, TARJA T. 2,754,738
SHANDER, MARK S. 2,859,809
SHANGHAI TECHWELL BIOPHARMACEUTICAL CO., LTD. 2,796,488
SHAO, JIN CHANG 2,792,802
SHAPE WLB INC. 2,795,393
SHAW, IAN 2,699,183
SHELTERLOGIC CORP. 2,846,303
SHENG, XIAOLEI 2,842,247
SHEPHERD, DERALD L. 2,846,303
SHEPLER, RANDALL ALAN 2,848,192
SHERRER, GORDON DAVID 2,723,631
SHETH, RAJESH SUDHAKAR 2,776,384
SHI, FUXIN 2,743,436
SHI, YIJIAN 2,682,999
SHIM, CHOONSIK 2,723,960
SHIMIZU, TOMO 2,745,610
SHIN, DONGCHEOL 2,723,960
SHIN, HWA SEON 2,818,930
SHIN, YOON K. 2,919,962
SHINOHARA, NOBUKI 2,908,228
SHUKLA, ASHOK KUMAR 2,717,354
SIEBTE PMI VERWALTUNGS GMBH 2,724,391
SIEGEL, CRAIG 2,738,768
SIEMENS AKTIENGESELLSCHAFT 2,753,006
SIEMENS AKTIENGESELLSCHAFT 2,885,558
SIEMENS AKTIENGESELLSCHAFT 2,900,767
SIEVERT, WILLIAM 2,821,544
SILVA, RICHARD 2,738,768
SIM, ENG TONG 2,793,923
SIMCOCK, MICHAEL 2,866,106
SIMEONI, ELEONORA 2,735,318
SIPILAE, JUSSI 2,775,683
SISACS HOLDINGS LTD. 2,793,444
SIVASUBRAMANIAN, SWAMINATHAN 2,776,384
SKANSKA SVERIGE AB 2,890,087
SKIC, GEORGE 2,830,755
SKJAEVELAND, MAGNE 2,781,172
SLADE, JOEL 2,781,431
SLAMIN, JOHN 2,771,573
SMICKLEY, ROBERT 2,810,832
SMITH, COLIN 2,794,329
SMITH, GREGORY S. 2,714,126
SMITH, KEVIN 2,791,564
SMITH, KEVIN 2,791,567
SMITH, KEVIN 2,791,720
SMOLICH, JOSEPH 2,821,544
SNECMA 2,782,249
SNECMA 2,793,338
SNECMA 2,793,987
SOECKNICK, RALF 2,754,079
SOFTSCAN HEALTHCARE GROUP LTD. 2,581,400
SOLAROAD ELECTRAWALL, LLC 2,706,779
SOLETANCHE FREYSSINET S.A.S. 2,699,183
SOLIVA SOLIVA, ROBERT 2,785,353
SOLTMANN, WILLIAM 2,866,106
SOLUBEST LTD. 2,700,426
SONG, JIANLAN 2,696,012
SONG, ZHEN 2,900,767
SONY COMPUTER ENTERTAINMENT AMERICA LLC 2,707,608
SONY CORPORATION 2,670,744
SORENSEN, ANNE LOUISE 2,665,356
SOUTHWIRE COMPANY, LLC 2,668,433
SPERLICH, DANIEL 2,811,225
SPINDLER, CHRISTIAN 2,777,535
SRIDHAR, PARTHASARATHI 2,717,354
ST-ONGE, SERGE 2,557,907
ST. VINCENT'S HOSPITAL (MELBOURNE) LIMITED 2,684,903
STADLER, HEINZ 2,778,219
STEFFENS, JEFF 2,908,002
STEINES, DANIEL 2,771,573
STEINHOFF, PAUL 2,862,112
STELZIG, LUTZ 2,733,472
STENNETT, AMANDA 2,741,572
STENZLER, ALEX 2,732,124
STEPHAN/H 2,944,360
STEPHENS, PAUL EDWARD 2,658,542
STERLING, MICHAEL EDWARD 2,911,955
STERNGOLD, EDOUARD 2,804,027
STEVENSON, ADAM 2,752,081
STEWART, JOSEPH 2,911,955
STEWART, NEIL 2,824,649
STICHTING SANQUIN BLOEDVOORZIENING 2,720,677
STIEBER, FRANK 2,749,015
STOUPIS, JAMES 2,746,772
STOWASSER, FRANK 2,781,431
STRAND, TOBIAS 2,890,087
STRASIK, MICHAEL 2,864,803
STREHLE, MICHAEL 2,733,584
STRUB, ANDREAS 2,752,105
STRYKER EUROPEAN HOLDINGS I, LLC 2,727,895
SUGIMOTO, KAZUSHIGE 2,871,964
SUGINO, AKINOBU 2,670,744
SUGINO, MASAAKI 2,885,233
SUI, ZHIHUA 2,728,616
SULZER CHEMTECH AG 2,842,247
SUMMANEN, JANNE 2,787,151
SUMMIT ESP, LLC 2,911,955
SUN, HUADONG 2,931,069
SUNAGA, HIROYUKI 2,727,351
SUNAHARA, ROGER 2,657,246
SUNG, SEUK KYUNG 2,904,549
SUTTLES, BENJAMIN MARSHALL 2,955,803
SUTTLES, BENJAMIN MARSHALL 2,964,005
SUTTON, CLAY R. 2,933,966
SUZUKI, TAMOTSU 2,770,383
SWANN, BETSY 2,776,371
SWANSON, KYLE 2,755,649
SWARTZ, MELODY A. 2,735,318
SWISS KRONO TEC AG 2,811,225
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,957,445
SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE 2,895,118
SYNGENTA PARTICIPATIONS AG 2,687,760
TACHI-S CO., LTD. 2,915,605
TAHRI, ABDELLAH 2,760,329
TAKAHASHI, HIROSHI 2,745,610
TAKAYAMA, TATEKI 2,909,847
TAKAYAMA, TATEKI 2,909,869
TAKEDA, TAKESHI 2,754,039
TAKEYAMA, MAKOTO 2,909,847
TANAKA, AGAMU 2,934,205
TANG, QINGNONG NELSON 2,724,391
TANG, YU LIN 2,765,076
TANG, ZHIJUN 2,796,488
TARP, MADS AGERVIG 2,665,356
TATTER, STEPHEN 2,710,880
TAYLOR, DAVID 2,619,133
TAYLOR-PAPADIMITRIOU, JOYCE 2,665,356
TEBEC, JEAN-LOUIS 2,787,167
TECHLAB, INC. 2,872,482
TEKESTE, GIRUM YEMANE 2,767,663
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,777,215
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,790,293
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,915,850
TEMTSIN KRAYZ, GALIA 2,700,426
TENDYRON CORPORATION 2,907,889

TENNANT, BRYCE 2,870,047
TEO, JIUNN YEONG 2,741,572
TESMER, JOHN J. 2,657,246
THALES 2,792,660
THE 45TH RESEARCH INSTITUTE OF CETC 2,806,138
THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 2,663,857
THE BOEING COMPANY 2,765,088
THE BOEING COMPANY 2,785,328
THE BOEING COMPANY 2,808,942
THE BOEING COMPANY 2,819,983
THE BOEING COMPANY 2,845,319
THE BOEING COMPANY 2,852,573
THE BOEING COMPANY 2,855,867
THE BOEING COMPANY 2,859,809
THE BOEING COMPANY 2,864,803
THE BOEING COMPANY 2,871,964
THE BOEING COMPANY 2,890,972
THE BOEING COMPANY 2,898,746
THE BRADBURY COMPANY, INC. 2,714,126
THE CLEVELAND CLINIC FOUNDATION 2,805,250
THE COCA-COLA COMPANY 2,780,798
THE COCA-COLA COMPANY 2,814,614
THE COCA-COLA COMPANY 2,814,644
THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE 2,697,031
THE PROCTER & GAMBLE COMPANY 2,733,472
THE PROCTER & GAMBLE COMPANY 2,871,024
THE REGENTS OF THE UNIVERSITY OF MICHIGAN 2,657,246
THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK 2,657,246
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,674,051
THE UNIVERSITY OF WESTERN ONTARIO 2,764,903
THERANOS, INC. 2,701,794
THERON PHARMACEUTICALS, INC. 2,788,364
THIELERT, WOLFGANG 2,708,479
THOMAS, MATTHEW R. 2,884,722
THOMPSON, GALE E. 2,637,574
THOMPSON, GRAHAM KENT JR. 2,682,999
THOSHKAHNA, BALAJI NAGENDRAN 2,886,505
THYSSENKRUPP ELEVATOR INNOVATION CENTER, S.A. 2,914,283
TIAN, BIN 2,926,473
TIAN, KELLY FANGMEI 2,787,878
TICE, CHRISTOPHER 2,908,024
TILLOTSON, BRIAN J. 2,845,319
TIME WARNER CABLE ENTERPRISES LLC 2,484,519
TINSLEY, JACK 2,777,535
TITAN TRAILERS INC. 2,972,630
TOKAI KOGYO CO., LTD. 2,908,228
TOKSVIG, MICHAEL JOHN MCKENZIE 2,917,296
TOKUMOTO, SEIJI 2,790,923
TOMASIAK, MARK 2,866,071
TOMKOW, TERRANCE 2,717,056
TONMUKAYAKUL, NARONGSAK 2,908,425
TORAY INDUSTRIES, INC. 2,770,383
TORAY INDUSTRIES, INC. 2,805,371
TORUP, LARS 2,751,322
TOSINI, GIANCARLO 2,780,798
TOSTI, SILVANO 2,802,208
TOTAL SA 2,745,500
TOTSUKA, YONETARO 2,670,744
TOYODA, YOSHITAKA 2,887,167
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,908,228
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,909,847
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,909,869
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,911,742
TRABUC, PIERRE 2,802,208
TRACY, WILLIAM J. 2,856,367
TRADING TECHNOLOGIES INTERNATIONAL, INC. 2,425,107
TRANSCO PRODUCTS INC. 2,837,706
TRAUTENBERG, HANS L. 2,787,179
TREPPENDAHL, SVEND 2,759,456
TRIPP, STEVEN D. 2,731,724
TRONOSKI, WILLIAM J. 2,637,574
TRUONG, SIM-JASMINE C. 2,857,530
TRUSCOTT, ANDREW J. 2,637,574
TSAI, CHUNG 2,910,217
TSENG, ERICK 2,917,296
TSUBAKI, TAKUYA 2,924,326
TSUCHIHASHI, MAKOTO 2,941,715
TSUCHIYA, TOSHIE 2,792,802
TSUJI, KOICHIRO 2,792,802
TSURUTA, MASAAKI 2,670,744
TUEMENA, CHRISTIAN 2,714,379
TUFFE, STEPHANE 2,789,088
TURNER, BRANDON 2,672,299
TURNKEY SOLUTIONS CORP. 2,945,328
TWO CELLS CO., LTD. 2,792,802
TYMIANSKI, MICHAEL 2,739,416
UCB BIOPHARMA SPRL 2,658,542
UEHARA, NOBUAKI 2,871,024
UENO, MORIO 2,697,895
UMANSKY, BENJAMIN S. 2,856,367
UMEYAMA, HIROYA 2,911,742
UNICHARM CORPORATION 2,753,333
UNILEVER PLC 2,719,069
UNILEVER PLC 2,778,321
UNILIN, BVBA 2,741,593
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC 2,717,545
UNIVERSIDAD DEL PAIS VASCO 2,776,351
UNIVERSITAET REGENSBURG 2,720,577
UNIVERSITE DE LORRAINE 2,789,088
UNIVERSITE LAVAL 2,732,440
UNIVERSITE LOUIS PASTEUR DE STRASBOURG 2,681,170
UNIVERSITE PARIS DIDEROT-PARIS 7 2,722,074
UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION 2,657,246
UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 2,737,758
UPM-KYMMENE CORPORATION 2,935,419
URDANG, ERIK G. 2,484,519
V. MANE FILS 2,773,226
VALEANT PHARMACEUTICALS INTERNATIONAL 2,696,012
VALENTINI, SILVIA C. 2,682,999
VALLA, IOULIA 2,749,956
VALLIERES, CHARLES 2,795,393
VALLOUREC OIL AND GAS FRANCE 2,885,233
VALMET AB 2,763,447
VALOYA OY 2,827,808
VAN BAEL, JOHAN 2,734,429
VAN DEN BERG, TIMO KARS 2,720,677
VAN DEN DRIES, GREGORY 2,973,527
VAN DER LAAN, ROGER 2,707,608
VAN DER PLAATS, ARJAN 2,847,368
VAN DER VLIES, ANDRE 2,735,318
VAN HOOF, STEVEN MAURICE PAULA 2,760,329
VAN HOOYDONCK, GUY 2,741,593
VAN TOOR, JAN 2,924,531
VANDYCK, KOEN 2,760,329
VANHALLE, ANJA 2,761,483
VANHASTEL, LUC 2,741,593
VANHORNE, THOMAS A. 2,798,216
VARA SALAZAR, YOSU ION 2,776,351
VARGHESE, SIBU 2,897,108
VARI-FORM, INC. 2,691,477
VECTOR CORROSION TECHNOLOGIES LTD. 2,936,644
VEDAGE, GAMINI ANANDA 2,896,721
VEEGER, MARCEL 2,777,796
VELLUTO, DIANA 2,735,318
VELTROP, LOREN 2,738,192
VENKATRAMAN, MEENAKSHI S. 2,788,364
VENNEMANN, MATTHIAS 2,752,105
VEOLIA WATER TECHNOLOGIES, INC. 2,726,222
VERBEKE, HUGO 2,761,483

VERDINE, GREGORY 2,830,063
VERNIER, JEAN-MICHEL 2,696,012
VEROSCIENCE, LLC 2,693,254
VICENCIO, ANDREW SILERIO 2,752,081
VIDEBÆK, KARSTEN 2,647,748
VIEIRA, ERIC 2,778,219
VIEW, INC. 2,797,826
VIKBERG, JARI 2,915,850
VIMECON GMBH 2,743,076
VINICK, FREDERIC 2,738,768
VIRGILI BERNADO, MARINA 2,785,353
VITO NV 2,734,429
VOELKER, BRIAN W. 2,810,832
VOGEL, SOPHIE 2,777,535
VOHBURGER, CHRISTIAN W. 2,787,941
VOSSOUGHI, SOHRAB 2,800,288
VULCO S.A. 2,755,496
W. L. GORE & ASSOCIATES, INC. 2,865,421
WACHENDORFF-NEUMANN, ULRIKE 2,708,479
WADA, NAOYUKI 2,911,742
WAGNER, WILLIAM D. 2,710,880
WAKE FOREST UNIVERSITY HEALTH SCIENCES 2,710,880
WALENSKY, LOREN D. 2,830,063
WALKER, DAVID RYAN 2,759,335
WALLBAUM, REINER 2,917,084
WALLENTIN, PONTUS 2,915,850
WALLMO, HENRIK 2,763,447
WALLNER, GEORGE 2,929,871
WANG, DONGHUI 2,806,138
WANG, JIANFENG 2,790,293
WANG, SHUKUN 2,759,462
WANG, WEI 2,806,138
WANG, XIANG 2,924,486
WANG, XINHUI 2,737,758
WANG, YUAN 2,931,069
WANG, ZHONGCHUN 2,797,826
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CRAPARO, EMANUELA FABIOLA 2,963,872
CRAWFORD, MARK L. 2,978,193
CRAWFORD, SUZANNE 2,979,199
CREMONESI, SUSANNA 2,964,103
CRESPO, RUBEN 2,982,332
CRISOSTOMO, CRISSLY V. 2,978,710
CROLL, SUSAN D. 2,978,096
CROSBY, BRYAN JUSTIN ROBERT 2,979,827
CROSS, JENNIFER L. 2,963,271
CROSS, TERRY 2,981,767
CROWN PACKAGING TECHNOLOGY, INC. 2,978,827
CRRC MEISHAN CO., LTD. 2,982,394
CRYSTAL, RONALD G. 2,982,213
CULLINANE, J. TIM 2,978,899
CUONG, LE QUY QUOC 2,981,952
CURRIE, JESSICA 2,981,589
CUZZOCREA, SALVATORE 2,963,872
CYTEC INDUSTRIES INC. 2,979,199
CZARNECKI, JAREMA 2,981,975
CZECHOWICZ, AGNIESZKA D. 2,982,115
D'AGOSTINO, DENNIS 2,982,187
D'AMORE, ANTONIO 2,977,979
DAAK, AHMED ABD ALMALIK AHMED MOHAMMED 2,963,952
DAGON, YOSSI 2,981,833
DAHL, ERIC 2,981,789
DAHL, MALIN 2,962,710
DAIFUKU, RICHARD 2,963,686
DAIGGER, GLEN T. 2,982,076
DAIICHI SANKYO COMPANY, LIMITED 2,982,435
DAKAPPAGARI, NAVEEN KUMAR 2,981,751
DALVI, MUKUL 2,963,146
DAMASSE, JEAN-MICHEL 2,978,678
DAMASSE, JEAN-MICHEL 2,979,099
DAMISETTY, NAVEEN 2,978,783
DAMKE, JAN-ERIK 2,978,978
DANA-FARBER CANCER INSTITUTE, INC. 2,963,602
DANA-FARBER CANCER INSTITUTE, INC. 2,964,367
DANIEL-ARCHIBALD, GLYNIS 2,963,952
DANINO, TAL 2,982,128
DAPPER, STEVEN DAN 2,979,679
DAR, ARVIN 2,981,886
DAVID, ANTON 2,981,063
DAVID, NATHANIEL 2,981,753
DAVIS, CHESNEE LAE 2,978,054
DAVIS, ERIC 2,981,051
DAVIS, RIJU 2,979,124
DAWE, SARA 2,964,981
DE CHILLOU, CHRISTIAN 2,981,402
DE LUCCA, INDAWATI 2,963,395
DE SMET, BART 2,981,728
DE ZOETE, MARCEL 2,981,186
DEAN, ERIC 2,979,119
DEANE, JAMES 2,979,134
DECHELOTTE, PIERRE 2,962,907
DECLAIRE, JEFFREY 2,978,210
DECROOS, KAREL 2,978,216
DEES, ROGER RYAN 2,979,403
DEIDDA, IRENE 2,963,872
DEJARNATT, BARTON 2,981,740
DEJERO LABS INC. 2,981,903
DEL'GUIDICE, THOMAS 2,981,716
DELLA VALLE, CRAIG 2,978,210
DELVENTHAL, ANDRE 2,981,971
DEMENTIEV, DIMITRII 2,980,142
DEMOTT, GERARD 2,978,215
DENG, SUJUN 2,982,237
DEOLALIKAR, NEELESH V. 2,978,260
DERBAS, JUSTIN 2,981,975
DEROI, LUIS 2,981,395
DESCHEPPER, MICKAEL 2,964,823
DESELM, LIZBETH CELESTE 2,964,982
DESHPANDE, GIRISH VISHNUKANT 2,979,199
DEVILLE, JAY P. 2,978,540
DEVINSKY, ORRIN 2,963,208
DEWA, YOSHIHARU 2,982,102
DHADDA, JASWINDER SINGH 2,978,783
DHAWAN, NEIL 2,981,886
DHILLON, AMMEN P. 2,963,271
DIAO, HAIRUI 2,977,286
DIEBOLD NIXDORF, INCORPORATED 2,981,891
DIETZ, PAUL HENRY 2,978,717
DIGITAL ASSET HOLDINGS 2,981,586
DIKEN, MUSTAFA 2,978,980
DILGER, ANDREW K. 2,963,395
DILLARD, LAWRENCE WAYNE 2,963,140
DILLEY, DEVIN 2,982,351
DIMASI, NAZZARENO 2,962,783
DIN, MUHAMMAD OMAR 2,982,128
DINGER, BARTEL CHRISTIAAN 2,981,782
DIRTT ENVIRONMENTAL SOLUTIONS, INC. 2,978,206
DISTRETTO TECNOLOGICO SICILIA MICRO E NANO SISTEMI S.C.A.R.L. 2,963,872
DLH BOWLES, INC. 2,982,271
DO VIET MANH 2,981,694
DOANE, JAMES C. 2,981,063
DODSON, MITCHELL JOE 2,981,878
DOMENIGHI, ALVARO S. 2,978,079
DOMENIGHI, ALVARO S. 2,978,087
DOMENIGHI, ALVARO S. 2,979,207
DONALD, COLLINS F. 2,978,301
DONDERICI, BURKAY 2,981,807
DONG, CHENGGUO 2,963,140
DONG, QING 2,981,998
DONG, YAN 2,982,262
DONLON, JACOB 2,979,067
DORFMEIER, CORIN 2,963,935
DOTI, RAFAEL 2,982,197
DOW AGROSCIENCES LLC 2,979,274
DOW GLOBAL TECHNOLOGIES LLC 2,977,765
DOWD, BRENDAN PATRICK 2,981,736
DOWNIE, PATRICK 2,982,402
DOYLE, CARL BRENDAN 2,982,427
DRANOFF, GLENN 2,964,367
DRECO ENERGY SERVICES ULC 2,981,908
DRIESEN, GEORGES (DECEASED) 2,981,015
DRIVSHOLM, MORTEN 2,978,575
DROIN, FREDERIC 2,981,257
DROZ, PIERRE-YVES 2,981,944
DUAN, CHENIONG 2,977,286
DUAN, JIAN-XIN 2,981,494
DUBIEF, FLAVIEN 2,981,914
DUBIEF, FLAVIEN 2,981,915
DUBOST, CHRISTOPHE 2,978,515
DUCARME, DAVID 2,978,215
DUCOTE, DOUGLAS A. 2,982,210

DUDLEY, AIMEE M. 2,963,923
DUFF, CLIFFORD 2,981,849
DUKE UNIVERSITY 2,962,934
DUKE, GUY DION 2,982,001
DUNCAN, JON 2,979,645
DUONG, SIEU T. 2,981,853
DUPMANN, JORG 2,982,006
DUPONT NUTRITION BIOSCIENCES APS 2,978,991
DURCHOLZ, BRADLEY T. 2,978,210
DURR, GEORG 2,978,503
DYGERT, DOUGLAS MILES 2,980,557
E I DU PONT DE NEMOURS AND COMPANY 2,978,104
E4V 2,981,090
EARTH STAR SOLUTIONS, LLC 2,982,122
EASTMAN CHEMICAL COMPANY 2,963,270
EASTMAN CHEMICAL COMPANY 2,963,971
EATON, BARBARA L. 2,977,821
EBISE, HAYAO 2,982,097
ECOLAB USA INC. 2,981,829
ECOLAB USA INC. 2,982,407
EDENS, CARL 2,981,957
EDICO GENOME, INC. 2,982,173
EDISON WELDING INSTITUTE, INC. 2,982,160
EDVINSSON, TOMAS 2,981,772
EDWARDS LIFESCIENCES CORPORATION 2,978,282
EDWARDS LIFESCIENCES CORPORATION 2,978,346
EDWARDS, KRYSTIL ELIZABETH 2,981,744
EGLE, MARK J. 2,978,581
EGUCHI, TAKANORI 2,982,088
EHRNSPERGER, BRUNO JOHANNES 2,980,151
EISAI R&D MANAGEMENT CO., LTD. 2,978,311
EISSENLOEFFEL, THOMAS 2,981,939
ELBAZ, FRANTZ 2,962,714
ELC MANAGEMENT LLC 2,978,301
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,977,381
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,978,059
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,978,718
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,978,919
ELGAMAL, TAHER 2,978,057
ELLENBOGEN, MICHAEL 2,981,487
ELLER, ZEKE 2,977,681
ELLIS, DAVID 2,964,364
ELLIS, ROBERT 2,963,753
ELSTER, SCOTT 2,981,965
ELWHA LLC 2,981,044
ELZINGA, MICHAEL JOHN 2,976,785
EMI, HIDETOSHI 2,982,424
EMME, BRANDON 2,978,347
ENDO, KENICHI 2,981,691
ENDURALOCK, LLC 2,981,885
ENGENEIC MOLECULAR DELIVERY PTY LTD 2,963,218
ENGIN, FEYZA 2,982,427
ENGINEERED CORROSION SOLUTIONS, LLC 2,979,348
ENGINUITY WORLDWIDE, LLC 2,982,316
ENGLERT, DAVID 2,981,990
EPC POWER CORPORATION 2,982,351
EPIGENETICS PHARMA LLC 2,963,686
ERIKSSON, DEAN 2,980,321
ERKEL, HANS JURGEN 2,978,121
EROS, KIMBERLY 2,981,122
ESCOTT, ADRIAN EDWARD 2,978,953
ESFAHANI, MOHAMMAD MEHDI NASR 2,962,857
ESI - EXCHANGE SOLUTIONS, INC. 2,981,697
ESPOSITO, EMANUELA 2,963,872
ESSWEIN, ARTHUR J. 2,981,758
ESTEVES, MICHEL 2,981,257
ETTA, LAUREN MARIE 2,982,314
EVAFORD ONE PTY LTD 2,982,183
EVANS, GARETH JAMES STREET 2,964,244
EVANS, HAROLD CHARLES 2,978,164
EVIDON, INC. 2,981,866
EVOLUTION ENGINEERING INC. 2,982,005
EVOLV TECHNOLOGIES, INC. 2,981,487
EVONIK DEGUSSA GMBH 2,978,503
EWING, WILLIAM R. 2,963,395
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,962,823
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,964,385
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,964,981
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,978,195
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,978,899
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,979,869
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,979,870
EYEVENSYS 2,982,225
F. HOFFMANN-LA ROCHE AG 2,981,939
F.HOFFMANN-LA ROCHE AG 2,962,901
FABBRI, BRADON JAMES 2,981,816
FALGAREIRO, DAMIEN 2,981,540
FALK, HENRIK 2,981,769
FALK, HENRIK 2,981,800
FALVO, ELISABETTA 2,963,053
FAM, FOOK TENG 2,977,197
FAN, HONGYU 2,982,200
FAN, XUCHEN 2,977,286
FAN, YI 2,963,140
FANG, TIANAN 2,963,395
FANG, YIFU 2,964,129
FARMERS EDGE INC. 2,982,001
FARMSHED LABS LIMITED 2,981,782
FAUBERT, JOCELYN 2,982,197
FEICHT, ANDREW 2,982,185
FELCH, CHAD L. 2,979,197
FELCYN, JAKE 2,982,130
FELDAN BIO INC. 2,981,716
FELDMAN, JACOB 2,980,142
FELIX, JASON 2,982,126
FENG, MARTIN W. 2,981,722
FERO GROUP PTY LTD 2,982,186
FERREIRA, KEN 2,981,816
FESUS, ROBERT 2,963,189
FETISSOV, SERGUEI 2,962,907
FEVOLA, MICHAEL J. 2,964,757
FIDRIC, BERNARD 2,981,944
FIGIEL, KERRY D. 2,978,483
FIGIEL, KERRY D. 2,978,484
FIGIEL, KERRY D. 2,979,942
FIGIEL, KERRY D. 2,979,943
FIGIEL, KERRY D. 2,980,134
FINDER, ZDENKA 2,981,942
FINK, DOMINIK 2,981,332
FIORE, MAXIMILLIAN D. 2,982,372
FISCHER, DAVID A. 2,979,069
FITOUSSI, RICHAR 2,981,832
FLAVELL, RICHARD A. 2,981,186
FLETCHER, MICHAEL 2,981,613
FLEUTE-SCHLACHTER, INGO 2,978,035
FLUOR TECHNOLOGIES CORPORATION 2,981,452
FOKAS, JEROME 2,982,083
FONG, CHRIS B. 2,978,256
FOR MY BABY LIMITED 2,982,432
FORD, BRENT C. 2,979,755
FORNERA, TAZIO 2,978,846
FOSS ANALYTICAL A/S 2,962,710
FOSS, STEIN 2,981,406
FOTSING, JOSEPH 2,963,901
FOURNELL, JOSEPH 2,981,965
FPINNOVATIONS 2,981,722
FPINNOVATIONS 2,981,729
FRANK'S INTERNATIONAL, LLC 2,981,506
FRANK, JUERGEN 2,978,031
FRANK, KEVIN J. 2,982,263
FRANKLIN, KEVIN RONALD 2,964,436
FRASCELLA, COSIMO 2,981,095
FRED HUTCHINSON CANCER RESEARCH CENTER 2,978,186
FREDERICK, JEFFREY W. 2,979,869
FREEMAN, GORDON JAMES 2,964,367
FREEMAN, STEPHANIE A. 2,978,899
FRENAL, ANTOINE 2,978,475
FRENAL, ANTOINE 2,978,477
FRENAL, ANTOINE 2,978,522
FRERICHS, ANDREW E. 2,982,346
FREY, GERHARD JOHANN 2,964,367
FRIESEN, DWAYNE THOMAS 2,962,719

FRIGERIO, MARK 2,963,043
FRISSEN, AUGUSTINUS EMMANUEL 2,963,762
FRLETA, DAVOR 2,981,186
FRUEH, KLAUS 2,963,573
FRUSINA, BOGDAN 2,981,903
FRYE, CHRISTOPHER 2,981,957
FRYE, JOHN 2,963,749
FRYE, JOHN 2,963,869
FU, LI 2,982,200
FU, XIAOYUN 2,982,130
FUCHS ALAMEDA, STEFANIE 2,978,067
FUCHS PETROLUB SE 2,978,121
FUETTERER, TOBIAS J. 2,964,757
FUJIFILM CORPORATION 2,982,430
FUJII, MASAHIRO 2,982,424
FUJII, SHINOBU 2,981,691
FUKUSHIMA, YOSHITAKE 2,981,688
FULLER, DESMOND S. 2,982,341
FUNAHASHI, YASUHIRO 2,978,311
FUNDAMENTAL SOLUTIONS CORPORATION 2,982,133
FUNG, PHILEMON FUNG SANG 2,981,912
FUNK-DANIELSON, BRENDA K. 2,981,165
GAAL, PETER 2,978,948
GABOR, ESTHER 2,978,841
GAJEWSKI, THOMAS 2,978,450
GALISTEO ALMIRON, BARBARA M. 2,978,913
GALLARDO III, JULIAN 2,982,407
GALLIER, JEAN-LOUIS 2,981,090
GALLOP, CHARLES C. 2,978,347
GALWAY, WILLIAM 2,981,864
GANDON, JULIEN 2,981,950
GANE, PATRICK A.C. 2,977,435
GANGER, GARY A. 2,981,891
GAO, CHANGSHOU 2,962,783
GAO, XINGTAO 2,981,736
GAO, YONG 2,978,282
GARCIA, JULIO AGUSTIN ISLA 2,964,314
GARDNER DENVER DEUTSCHLAND GMBH 2,981,230
GARG, ABHISHEK 2,963,935
GARNER, WILLIAM NICHOLAS 2,981,593
GARRISON, MICHLE 2,981,853
GARVEY, JAMES PATRICK, II 2,981,292
GASCON SIMORTE, JOSE MIGUEL 2,963,740
GATES, LEE B. 2,981,949
GAUS, JOHN PAUL 2,977,221
GAWEL, MAREK 2,981,868
GBS HOLDINGS LLC 2,979,827
GD MIDEA ENVIRONMENT APPLIANCES MFG CO., LTD. 2,974,673
GE OIL & GAS ESP, INC. 2,981,458
GEBBEKEN, MARTIN 2,982,006
GEBO PACKAGING SOLUTIONS FRANCE 2,979,793
GELPELL AG 2,981,772
GEN-PROBE INCORPORATED 2,977,821
GENENTECH, INC. 2,962,901
GENENTECH, INC. 2,978,256
GENERAL ELECTRIC COMPANY 2,976,205
GENERAL ELECTRIC COMPANY 2,978,871
GENERAL ELECTRIC COMPANY 2,981,372
GENERAL ELECTRIC TECHNOLOGY GMBH 2,976,989
GENZYME CORPORATION 2,964,123
GENZYME CORPORATION 2,978,459
GEORGE, JOHANN 2,981,617
GEORGIA TECH RESEARCH CORPORATION 2,981,974
GERAATS, MARCEL 2,982,006
GERKEN, CHRISTOPHER RILEY WILLIAM 2,978,347
GERLACH, THOMAS 2,981,383
GETMAN, DAMON K. 2,977,821
GEYSER INNOVATIONS, LTD. 2,981,051
GHALY, NABIL N. 2,982,079
GHORASHIAN, SARA 2,978,381
GIAMMONA, GAETANO 2,963,872
GIANNAKAKIS, MARIA CHRISTINA 2,982,432
GIDDENS, TAYLOR L. 2,982,346
GILL, SAAR 2,981,751
GIMENEZ, MICHEL 2,978,575
GIRARDON, PAULINE 2,978,678
GIRARDON, PAULINE 2,979,099
GIRAUD, JEAN-PIERRE 2,979,743
GIROTTO, DARREN G. 2,982,263
GLANVILLE, MARK R. 2,982,210
GLASS, DAVID 2,963,935
GLEIMAN, SETH 2,981,826
GLEZER, ELI N. 2,981,957
GO, JOHNSON 2,978,328
GODFREY, GRAHAM 2,981,752
GODFREY, GRAHAM 2,981,759
GODWIN, ANTONY 2,963,043
GOEL, VIVEK S. 2,978,540
GOELTZ, JOHN 2,981,758
GOELTZ, JOHN 2,981,777
GOERZ, TORSTEN 2,978,121
GOLDBERG, ERAN 2,978,346
GOLDBERG, S. NAHUM 2,981,867
GOLDENBERG, DAVID M. 2,982,376
GOLDSCHLAG, DAVID 2,981,789
GOLDSTEIN, VLADIMIR 2,981,589
GOLTZ, H. ROBERT 2,977,765
GOMEZ, LUIS E. 2,979,274
GONZALEZ, ISABEL 2,979,160
GOS, STEPHEN 2,978,841
GOSLING, GEOFF 2,978,206
GOSSELIN, CLAUDE 2,981,611
GOSSELIN, FRANCIS 2,962,901
GOTZEN, CHRISTIAN 2,982,006
GOURAULT, DOMINIQUE-JOSE 2,981,560
GOWIN, LAWRENCE W. 2,982,107
GPRO CO., LTD. 2,981,694
GRADY, LEO 2,981,464
GRANATA, GIUSEPPE 2,963,872
GRANT, KEVIN JOHN 2,982,001
GRAPHENE 3D LAB INC. 2,978,556
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,980,191
GRATI, HEDI 2,964,981
GRAVE, EDWARD J. 2,978,899
GRAZ, CARL JORG MICHAEL 2,964,244
GREAUX, SCOTT 2,981,864
GREEN, LIAM DANIEL 2,979,832
GREEN, SCOTT A. 2,978,177
GREENAN, IAIN 2,982,086
GREENBERG, PHILIP D. 2,978,186
GREENWOOD, JOHN 2,977,888
GREER, JODY MILTON 2,981,854
GREMLING, MICHAEL 2,981,545
GRETZ, MARKUS 2,978,650
GREY ORANGE PTE LTD. 2,982,226
GRIFFIN, DAVID A. 2,964,385
GRIFFITHS, BRYN 2,979,645
GRIMES, CHRIS 2,963,189
GRINBERG, ASYA 2,981,737
GRINBERG, ASYA 2,981,793
GRINBERG, ASYA 2,981,831
GRINBERG, ASYA 2,981,833
GRONEWOLLER, PETER J. 2,981,949
GRUBBS, ROBERT H. 2,982,269
GRUBER, EGON 2,979,291
GRUBER, HARALD 2,978,498
GRUVER, DANIEL 2,981,944
GUAN, AIYING 2,982,206
GUAN, XIAO 2,982,252
GUARNERI, PATRIZIA 2,963,872
GUAY, DAVID 2,981,716
GUERARD, MARC-AURELE 2,981,611
GUEST, RYAN 2,978,057
GUIGNARD, STEPHAN NORBERT 2,980,979
GULATI, KAPIL 2,978,948
GULDAN, MARCUS 2,977,324
GULLINKALA, TILAK 2,978,187
GUMKOWSKI, MACIEJ 2,980,997
GUNTHER, MAGDALENA 2,978,067
GUO, SHUTAO 2,978,885
GUO, XIN DONG 2,981,974
GUPTA, AKASH 2,982,226
GURER, CAGAN 2,981,186
GURU, SANTOSH KUMAR 2,964,437
GUSHANAS, TIMOTHY P. 2,982,210
GUSTAFSON, KIM L. 2,978,079
GUSTAFSON, KIM L. 2,978,087
GUSTAFSON, KIM L. 2,979,207
GUTEHOFFNUNGSHUTTE RADSATZ GMBH 2,981,383
GUY, GEOFFREY 2,963,202
GUY, GEOFFREY 2,963,208
GW PHARMA LIMITED 2,963,202
GW PHARMA LIMITED 2,963,208
GYORI, MARTON 2,981,086
HA, HENGXU 2,976,989
HA, HUNG V. 2,981,292
HAAHEIM INVENT 2,981,924
HAAHEIM, OYVIND 2,981,924
HAAPALAINEN, MIKA 2,979,307

HAAS, HEINRICH 2,978,980
HAAS, ROBERT 2,962,798
HABER, DANIEL A. 2,982,363
HABER, LOUIS 2,978,000
HACKER, DAVID C. 2,981,636
HAGEN, DOUGLAS 2,981,864
HAHN, FLORIAN 2,978,121
HALL, CHRISTOPHER 2,981,952
HALL, JOHN WILLIAM 2,977,681
HALL, LEE J. 2,978,540
HALLEN, RICHARD 2,963,749
HALLEN, RICHARD 2,963,869
HALLIBURTON ENERGY SERVICES INC. 2,981,796
HALLIBURTON ENERGY SERVICES, INC. 2,975,902
HALLIBURTON ENERGY SERVICES, INC. 2,978,054
HALLIBURTON ENERGY SERVICES, INC. 2,978,260
HALLIBURTON ENERGY SERVICES, INC. 2,978,270
HALLIBURTON ENERGY SERVICES, INC. 2,978,540
HALLIBURTON ENERGY SERVICES, INC. 2,978,712
HALLIBURTON ENERGY SERVICES, INC. 2,978,971
HALLIBURTON ENERGY SERVICES, INC. 2,979,030
HALLIBURTON ENERGY SERVICES, INC. 2,979,331
HALLIBURTON ENERGY SERVICES, INC. 2,981,003
HALLIBURTON ENERGY SERVICES, INC. 2,981,799
HALLIBURTON ENERGY SERVICES, INC. 2,981,807
HALLIBURTON ENERGY SERVICES, INC. 2,981,828
HALLIBURTON ENERGY SERVICES, INC. 2,981,900
HALLIBURTON ENERGY SERVICES, INC. 2,981,934
HALLSTROM, KEVIN A. 2,977,523
HAMAGUCHI, TOMOAKI 2,982,247
HAMBERGER, ROBERT 2,978,650
HAMID, ABID 2,964,437
HAMILTON, JOHN 2,978,326
HAN, CHONG 2,962,901
HAN, GUANGLIN 2,982,195
HAN, JINGANG 2,982,394
HAN, YONGXIN 2,975,330
HAND, GRAHAM 2,980,191
HANGZHOU HPWINNER OPTO CORPORATION 2,982,002
HANSEN, LARS ELMEKILDE 2,981,386
HANTZER, SYLVAIN 2,962,823
HAO, XIUJUAN 2,981,768
HARA, YOTAMU STEPHEN RAINFORD 2,978,377
HARBURG, DANIEL V. 2,981,894
HARDING, WESTON 2,982,402
HARKEN, INCORPORATED 2,982,124
HARMON, BILLY D. 2,979,199
HARNISCHFEGER TECHNOLOGIES, INC. 2,976,511
HARPER, JASON M. 2,981,947
HARPER, JASON, M. 2,981,063
HARRIS, CHAD TYLER 2,982,047
HARTINGER, DANNY G. 2,979,067
HARTMANN, ALEXANDER 2,978,127
HARTMANN, CHRISTOPH 2,965,033
HARTUNG, DOUGLAS K. 2,981,891
HASEGAWA, KAZUHIDE 2,981,761
HASSANI, FARAMARZ 2,982,194
HASTY, JEFF 2,982,128
HASWELL, STEPHEN JOHN 2,962,857
HATANO, KAZUHIRO 2,978,693
HATHERALL, MATT 2,981,982
HATHEROD PTY LTD 2,981,982
HAVASI, GABOR 2,963,844
HAVENS, ADAM J. 2,981,949
HAWRYLUK, ANDREW 2,978,052
HAYASHI, TAKAHIRO 2,982,056
HAYNES, BARTON F. 2,962,934
HAYTON, MARK 2,982,389
HAZUM, ELI 2,979,309
HE, GUANGBO 2,981,722
HE, PING 2,962,857
HE, YUN 2,982,237
HEADRICK, DAVID ARTHUR 2,982,233
HEALTH PORTAL LLC 2,981,153
HEARD, DAVID W. 2,978,329
HEARD, DAVID W. 2,978,642
HEARTFLOW, INC. 2,981,464
HEARTLAND CONSUMER PRODUCTS, LLC 2,978,325
HEATGENIE, INC. 2,979,755
HEATHORN, TREVOR 2,981,469
HEEMANN, MARCUS 2,979,124
HEFESHA, HOSSAM 2,978,980
HEFNI, MOHAMMED 2,982,194
HEIM, DAVID 2,980,321
HEIMANN, ROBERT L. 2,982,316
HEMMES, JAN-LUIKEN 2,978,243
HENDERSON, JOHN W. 2,981,452
HENKEL AG & CO. KGAA 2,978,978
HENKEL AG & CO. KGAA 2,979,108
HENKEL AG & CO. KGAA 2,979,124
HENKEL IP & HOLDING GMBH 2,981,703
HENNY PENNY CORPORATION 2,981,122
HENROTTE, OLIVIER 2,978,678
HENROTTE, OLIVIER 2,979,099
HENRY, SEBASTIEN 2,981,974
HENTZE, HANS PETER 2,978,991
HERAEUS DEUTSCHLAND GMBH & CO. KG 2,978,067
HERNANDEZ, HEATHER 2,981,659
HERNDLER-BRANDSTETTER, DIETMAR 2,981,186
HERSHKOWITZ, FRANK 2,978,195
HERVE, KARINE JEANNINE MADELEINE 2,982,427
HESS, HAROLD 2,981,885
HESTER, RUSSELL 2,982,271
HEXCEL CORPORATION 2,978,956
HH PATENT A/S 2,981,233
HIGBEE, AARON 2,981,864
HIGHFILL, STEVEN 2,981,751
HIKIDA, KAZUO 2,982,068
HIKIDA, KAZUO 2,982,078
HIKIDA, KAZUO 2,982,087
HILBERT, DAVID, M. 2,981,711
HILTI AKTIENGESELLSCHAFT 2,978,247
HILTI AKTIENGESELLSCHAFT 2,979,131
HILTON, ADAM H. 2,979,348
HIRANI, SUNIL 2,981,586
HIRATA, HIROYUKI 2,982,247
HIRSCHMANN, AARON 2,963,189
HOCHMUTH, JOHN K. 2,977,523
HOCKENHULL, TRACY 2,981,885
HODGKINSON, GERALD 2,981,826
HODGSON, KIM 2,979,995
HOEFLING, RYAN EDWARD 2,978,347
HOELTGEN, WOLFGANG KURT 2,982,226
HOEY, MICHAEL 2,982,372
HOFER, DOUGLAS CARL 2,981,372
HOFFMANN, BENEDIKT 2,978,841
HOGEBRANDT, EVA 2,981,696
HOLIGHAUS, ARMIN 2,978,240
HOLLAND, LLOYD FREDERICK 2,976,905
HOLM, CLAUS 2,962,710
HOLTSCLAW, JEREMY 2,979,030
HOMER, ALOIS 2,981,868
HOOG, THOMAS 2,981,383
HOOPER, DOUGLAS C. 2,982,205
HORIMOTO, TAKAYUKI 2,982,056
HORIMOTO, TAKAYUKI 2,982,071
HORNBERGER, KEITH R. 2,964,754
HORST, LARS 2,981,230
HORTIN, JUSTIN G. 2,979,282
HORTOBAGYI, IREN 2,963,844
HORWITZ, JEREMY 2,978,057
HOTAMISLIGIL, GOKHAN S. 2,982,427
HOUTHOFF, HENDRIK JAN 2,978,721
HOVDEBO, KENTON 2,978,206
HOVIONE TECHNOLOGY LIMITED 2,981,414
HOWELL, JACKIE 2,982,336
HOWELL, MATHIAS 2,978,524
HRUSKA, KEITH 2,964,129
HSIEH, RAPHAEL 2,976,785
HSU, HENRY 2,981,822
HUANG, DAGANG 2,982,237
HUANG, HUI 2,962,955
HUANG, JIANMING 2,982,002
HUANG, JING 2,978,442
HUANG, LEAF 2,978,885
HUANG, LU 2,981,751
HUATAN, HIEP 2,981,752
HUATAN, HIEP 2,981,759
HUAWEI TECHNOLOGIES CO., LTD. 2,975,407
HUAWEI TECHNOLOGIES CO., LTD. 2,982,195

HUAWEI TECHNOLOGIES CO., LTD. 2,982,196
HUAWEI TECHNOLOGIES CO., LTD. 2,982,393
HUBBELL INCORPORATED 2,982,239
HUBBELL INCORPORATED 2,982,248
HUBER, HOWARD, JR. 2,981,812
HUBER, STEFAN 2,981,089
HUBICH, STEFANIE 2,965,033
HUDSON, COREY M. 2,981,953
HUDSONALPHA INSTITUTE FOR BIOTECHNOLOGY 2,982,369
HUEY, WILLIAM TROY 2,979,995
HUMPHREY, MATTHEW CHRISTOPHER 2,982,166
HUMPHREYS, DAVID PAUL 2,978,501
HUNAN SKYWORLD BIOTECHNOLOGIES CO. LTD. 2,981,768
HUNDEBOL, KELD OTTING 2,981,233
HUNTER, TIMOTHY H. 2,975,902
HUNTER, TIMOTHY H. 2,979,331
HUNTING TITAN, INC. 2,981,809
HUSEMANN, YVES 2,978,980
HUSSAIN, AASHIQ 2,964,437
HUTTER, PATRICK 2,979,793
HWANG, WOO SUP 2,978,262
HYDE, RODERICK A. 2,981,044
HYNES, AIMEE 2,981,703
IAFRATE, A. JOHN 2,982,363
IBIQUITY DIGITAL CORPORATION 2,982,341
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI 2,981,886
ICHIHARA, JUNJI 2,982,097
ICHIHASHI, FUMITAKA 2,978,956
ICM, INC. 2,978,347
IDE, MATTHEW SCOTT 2,964,385
IDEMITSU KOSAN CO., LTD. 2,982,088
IDING, HANS 2,962,901
IGARASHI, TATSUYA 2,982,102
IHLE, GERHARD 2,981,395
IKIZ, BURCIN 2,978,096
ILLINOIS TOOL WORKS INC. 2,977,400
IM, WHA BIN 2,962,766
IMMUNOMEDICS, INC. 2,982,376
INDIVIOR UK LIMITED 2,964,103
INDUSCO, INC. 2,982,121
INNO BIO-DRUG DEVELOPMENT LIMITED 2,982,391
INNOVA PATENT GMBH 2,981,332
INO, TAKASHI H. 2,978,710
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,962,907
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INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,964,823
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INTERNATIONAL PAPER COMPANY 2,979,942
INTERNATIONAL PAPER COMPANY 2,979,943
INTERNATIONAL PAPER COMPANY 2,980,134
INVENTIO AG 2,981,214
IORDACHE, DOREL IONUT 2,981,944
IRDETO B.V. 2,981,363
IROBOT CORPORATION 2,981,943
ISAACSON, SHAWN 2,982,402
ISEDA, ATSURO 2,982,247
ISHIKAWA, MURIEL Y. 2,981,044
ISP INVESTMENTS LLC 2,982,338
ITOH, TAKAHIKO 2,981,689
ITRON FRANCE 2,981,257
IWASAKI, TSUYOSHI 2,982,097
IYER, RADHAKRISHNAN P. 2,982,125
IZMAILOV, ALEXANDRE 2,981,990
JACKS, CURTIS 2,981,796
JACOBS, IRWIN C. 2,982,162
JACOBSEN, BRAD 2,981,280
JACOBY, BENNETT H. 2,982,319
JAE, JACOB PAUL 2,978,325
JAFFE, NEIL E. 2,978,095
JAMISON, JAMES M. 2,982,161
JANSSEN PHARMACEUTICA NV 2,962,955
JAQUET, CLARA 2,981,464
JARADEH, KINDAH 2,982,249
JARRARD, BRIAN MATTHEW 2,979,832
JAVERS, JEREMY EDWARD 2,978,347
JAYNES, JESSE 2,981,705
JEFFREY-COKER, BANDELE 2,981,957
JEMAA, NACEUR 2,981,729
JEONG, HONG-SIL 2,976,628
JEONG, HONG-SIL 2,977,043
JEONG, HONG-SIL 2,977,214
JEONG, HONG-SIL 2,977,325
JEROMENOK, JEKATERINA 2,979,131
JHA, ANIMESH 2,978,377
JIA, LANQI 2,963,140
JIANG, HAISHEN 2,977,286
JIANG, RENWU 2,982,200
JIANGSU HENGRUI MEDICINE CO., LTD. 2,981,998
JIAO, HAILONG 2,981,494
JOCHIM, JAYSON MICHAEL 2,981,723
JOHNSON & JOHNSON CONSUMER INC. 2,964,757
JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED 2,979,317
JOHNSON, BRUCE 2,982,076
JOHNSON, ERIK P. 2,981,679
JOHNSON, IVY D. 2,964,385
JOHNSON, JOSEPH 2,981,943
JOHNSON, RICHARD L. 2,982,343
JOHNSON, THERESA L. 2,964,982
JOHNSTON, DANA 2,982,132
JOLLY, MICHAEL SHANE 2,979,832
JONA, GHIL 2,979,309
JONES, HUW 2,981,752
JONES, LIAM JAMES 2,964,244
JONES, REINALDO 2,964,982
JORAND-LEBRUN, CATHERINE 2,964,982
JOSEPH, TRISSA 2,978,540
JOSHI, PRASHANT 2,962,725
JOSHI, PRASHANT 2,963,337
JOSHI, PRASHANT 2,964,437
JOTOKU, KANA 2,982,247
JOYCE, RICHARD CHARLES 2,977,400
JUHASZ, IMRE 2,963,844
JUNE, CARL H. 2,981,751
JUNG, JAE KONG 2,980,994
JUNG, JIN HWA 2,978,262
JUNGKLAUS, MATTHEW W. 2,982,323
JURANTICH, JAMES C. 2,982,410
JUSTICE, GRANT G. 2,982,346
JX NIPPON MINING & METALS CORPORATION 2,978,693
KAJITA, MARCOS SUGURU 2,978,910
KALRA, CHIRANJEEV SINGH 2,981,372
KALYAN, ATISHKUMAR 2,978,177
KAMAKOTI, PREETI 2,964,385
KAMM, ANDRE 2,979,128
KANAPURAM, SEKHAR 2,964,786
KANDAVILLI, SATEESH 2,979,051
KANG, DAEHOON 2,978,328
KANJI, NAZIM 2,981,752
KAPPELER, JOHANNES 2,977,556
KARABIN, LYNETTE M. 2,978,329
KARABIN, LYNETTE M. 2,978,642
KARAKOUSSIS, STERGIOS 2,978,127
KARAM, TONY 2,978,000
KARANEWSKY, DONALD 2,963,901
KARANTZA, VASSILIKI 2,978,311
KARDOS, ZSUZSANNA 2,963,844
KARE, JORDIN T. 2,981,044
KARIMI, SHAHRAD 2,981,593
KARLSSON, ERIK 2,964,981
KARUNAKARAN, AATHAVAN 2,982,252
KASPRZYK, THADDAUS 2,981,383
KATZ, NATHANIEL 2,982,437
KAWAGOE, MINORI 2,978,317
KAWAMOTO, HIDEAKI 2,981,694
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KELSOE, GARNETT 2,962,934
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KEMP-LETTKAMP, CHRISTIAN 2,981,383
KENNEDY, GIULIA C. 2,978,442
KERMANI, MEHRDAD FADAEI 2,982,194
KERN, MAGDALENA 2,978,503
KERN, THOMAS 2,979,013

KEROVUO, JANNE 2,981,816
KESTEN, RANDY J. 2,981,292
KETER PLASTIC LTD. 2,981,765
KFIR, SHAUL 2,981,586
KHADILKAR, VAIBHAV 2,981,153
KHAIRNAR, LALIT SUBHASH 2,982,359
KIBELE, RALF 2,977,801
KILLILEA, T. HOWARD 2,979,067
KILMER, RAYMOND J. 2,978,329
KIM, GRACE JIYOUNG 2,978,783
KIM, GWAN SHIG 2,979,518
KIM, HEUNG-MOOK 2,977,381
KIM, HEUNG-MOOK 2,978,059
KIM, HEUNG-MOOK 2,978,718
KIM, HEUNG-MOOK 2,978,919
KIM, JU YOUNG 2,981,751
KIM, KYUNG-JOONG 2,976,628
KIM, KYUNG-JOONG 2,977,043
KIM, KYUNG-JOONG 2,977,214
KIM, KYUNG-JOONG 2,977,325
KIM, SU YEON 2,978,442
KIM, SUNG SOO 2,978,262
KIM, TONG JIN 2,982,215
KIM, YOUHAN 2,978,015
KIMCHI, GUR 2,978,177
KINASZ, MICHEL 2,981,363
KIRKWOOD, KEITH M. 2,981,895
KITAHARA, JUN 2,978,235
KITAZATO, NAOHISA 2,978,235
KITAZATO, NAOHISA 2,982,102
KITTLE, JOSEPH D. 2,982,133
KLASSEN, JOHN 2,981,991
KLAUS, FRANK GEORG 2,981,230
KLEIN, JOHANN 2,978,978
KLOTZ, STEPHAN 2,978,031
KNAUF GIPS KG 2,978,127
KNAUF INSULATION 2,978,215
KNAUF, CARLO 2,978,127
KNERR, MICHAEL 2,978,846
KNOPF, JOHN 2,981,833
KNOPF, RYAN R. 2,981,894
KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH 2,981,086
KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH 2,981,089
KNUTESON, CODY WILLIAM 2,978,769
KOC, ECE 2,979,108
KOCH, JEFFREY 2,981,947
KOCH, THOMAS 2,978,127
KOCHELEK, JEFFREY T. 2,979,348
KOCHHAR, CHARU 2,962,714
KOCHHAR, RAVI 2,963,206
KOHLI, SAMAY 2,982,226
KOJIMA, KAZUNORI 2,982,245
KOJIMA, YUJIRO 2,982,245
KOLIN, BENJAMIN 2,981,525
KOMATSU LTD. 2,981,783
KONATE, NADIA 2,982,338
KONDRAGUNTA, VENKATESWARLU 2,964,857
KONUKOGLU, HAKAN 2,979,192
KORBER, BETTE T.M. 2,963,573
KORENKIEWICZ, STEPHEN M. 2,979,067
KORETH, JOHN 2,963,602
KORNACKER, MICHAEL 2,982,246
KORNFELD, MARTIN 2,978,498
KORTE, RYAN T. 2,982,107
KOSTAKIS, GRIGORIS 2,976,969
KOSTYRA, SEBASTIAN 2,979,124
KOUISNI, LAMFEDDAL 2,981,722
KOVACS, SANDOR 2,981,957
KRAFT FOODS R & D, INC. 2,978,783
KRAMER, ANNE 2,978,381
KRAMER, THOMAS 2,978,127
KRAUSE, JOHANNES 2,979,551
KRAVER, ADAM 2,981,206
KRAVER, ADAM 2,981,207
KRAVER, ADAM 2,981,208
KRECKEL, RICHARD 2,981,129
KREITER, SEBASTIAN 2,978,980
KUGLER, MARKUS 2,982,237
KULAS, JOHN W. 2,981,264
KUMAR, AJAY 2,962,725
KUMAR, AJAY 2,963,337
KUMAR, AJAY 2,964,437
KUMAR, ASHOK 2,964,437
KUMAR, RAVINDRA 2,981,737
KUMAR, RAVINDRA 2,981,793
KUMAR, RAVINDRA 2,981,831
KUMAR, RAVINDRA 2,981,833
KUMAR, SATISH 2,963,426
KUMAR, SURESH 2,964,437
KUME, STEWART M. 2,981,853
KUNZEL, ANDREAS 2,981,129
KUO, GEE-HONG 2,962,955
KURANO, YOSHIHIRO 2,982,056
KURAOKA, MASAYUKI 2,962,934
KURIHARA, KENICHI 2,982,245
KURNELLAS, MICHAEL 2,981,851
KVERNELAND GROUP RAVENNA S.R.L. 2,981,095
KWIATKOWSKI, KRZYSZTOF C. 2,979,755
KWON, SUN-HYOUNG 2,977,381
KWON, SUN-HYOUNG 2,978,059
KWON, SUN-HYOUNG 2,978,718
KWON, SUN-HYOUNG 2,978,919
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,978,475
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,978,477
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,978,522
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,978,575
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,980,212
LA MARCA, CLARA 2,963,872
LABELLA CASTILHO, FABRICIO 2,978,846
LABERGE, REMI-MARTIN 2,981,753
LABUS, MARIE 2,963,753
LACOMBE, YVES 2,978,052
LACROIX, MAXIME 2,963,862
LACROIX-FRALISH, MICHAEL 2,978,096
LAFARGE 2,978,575
LAFARGUE, OLIVIER 2,981,171
LAFLEUR, DAVID, WILLIAM 2,981,711
LAI, WENYIH F. 2,962,823
LAI, WENYIH FRANK 2,964,385
LALGUDI, RAMANATHAN S. 2,982,371
LAM THERAPEUTICS, INC. 2,963,085
LAMBERT, GREGORY 2,962,907
LAN, JIE 2,982,206
LANCASTER, PATRICK R., III 2,982,343
LANGER, MARTIN 2,978,841
LANTECH.COM, LLC 2,982,343
LANTERO, ORESTE J. 2,978,347
LAPERA, STEPHANIE 2,963,901
LARISH, SCOTT 2,982,346
LARRETA GARDE, VERONIQUE 2,964,823
LASZLOFI, ISTVAN 2,963,844
LAUBACH, ADAM 2,981,956
LAY, CARLTON R. 2,981,949
LEADIANT BIOSCIENCES S.A. 2,978,040
LEAKE, PAUL H. 2,982,113
LEBRETON, LUC 2,982,225
LEDWITH, DEIRDRE 2,981,703
LEE, AMY C.H. 2,963,271
LEE, JAE-YOUNG 2,977,381
LEE, JAE-YOUNG 2,978,059
LEE, JAE-YOUNG 2,978,718
LEE, JAE-YOUNG 2,978,919
LEE, SIN KENG 2,977,197
LEE, SU JUNG 2,978,262
LEE, YOUNG DON 2,978,262
LEGER, ANDRE 2,982,193
LEI, MING 2,981,751
LEI, SHUISHENG 2,974,673
LEMKEN GMBH & CO KG 2,982,006
LENIUS, SAMUEL WILLIAM 2,981,944
LEPETIT-STOFFAES, JEAN-PASCAL 2,981,716
LERICHE, EMMA-DUNE 2,981,991
LERNER, ANDREW 2,981,795
LERNER, DANIEL MAURICE 2,981,795
LES ACCESSOIRES MULTIFONCTIONS INC. 2,982,420

LES SABLES OLIMAG INC. 2,981,611
LESSING, JOSHUA A. 2,981,894
LEUNG, KELLY XIAOYU-CHEN 2,982,352
LEUTHARDT, ERIC C. 2,981,044
LEVANDOWSKI, ANTHONY 2,981,944
LEVEL 3 COMMUNICATIONS, LLC 2,982,107
LEVEL 3 COMMUNICATIONS, LLC 2,982,132
LEVESON, PHILIP D. 2,977,221
LEVY, YINON 2,981,563
LEWIS, BRYAN JOHN 2,975,902
LEWIS, BRYAN JOHN 2,979,331
LEWIS, SAMUEL J. 2,978,540
LG FUEL CELL SYSTEMS INC. 2,979,119
LI, DONG 2,982,394
LI, GANG 2,981,833
LI, JIANCHAO 2,982,394
LI, MINGCHAO 2,982,195
LI, NA 2,981,751
LI, QIAN 2,982,237
LI, QUANCHANG 2,964,385
LI, RUYA 2,978,277
LI, SHAOHUA 2,982,198
LI, ZHINIAN 2,982,206
LIANG, MINYA 2,981,659
LIANG, QI 2,978,270
LIANG, XU 2,979,030
LIANG, YAOGUANG 2,974,673
LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD. 2,975,330
LIAO, HUA-XIN 2,962,934
LICCIARDI, MARIANO 2,963,872
LICHENSTEIN, HENRI 2,963,085
LICKLIDER, JONATHON PHILLIP 2,978,347
LILGA, MICHAEL 2,963,749
LILGA, MICHAEL 2,963,869
LILJA, HANS 2,982,262
LIM, AMY 2,978,256
LIM, JAMES 2,982,365
LIN, CHEN-LUNG 2,982,387
LIN, CHEN-LUNG 2,982,391
LIN, CHU-FANG 2,978,442
LIN, JEN C. 2,978,642
LIN, TZU-YUN EDDIE 2,981,952
LINDGREN, CHRISTOFER 2,981,696
LINDSTEDT, KEN 2,963,179
LINDSTROM, MIKAEL 2,981,696
LING, CHANG-CHUN 2,981,991
LINXIS B.V. 2,978,721
LITCHFIELD, MICHAEL 2,981,487
LITTERS, THOMAS 2,978,121
LIU, CHANGLING 2,982,206
LIU, I-JU 2,981,883
LIU, JINHUA 2,982,198
LIU, LEI 2,979,274
LIU, LIPING 2,981,754
LIU, SHAN 2,981,916
LIU, ZHENGXIAN 2,982,200
LIVANEC, PHILIP WAYNE 2,978,054
LIVELY, PAUL B. 2,978,270
LLOYD, JENNIFER MICHELLE 2,963,270
LM WP PATENT HOLDING A/S 2,982,039
LNT MARINE PTE. LTD. 2,981,406
LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC 2,981,758
LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC 2,981,777
LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC 2,981,806
LOGAN, AARON W. 2,982,005
LOGEART AVRAMOGLOU, DELPHINE 2,964,823
LOHR, IVO 2,981,942
LOMBARDI, ADOLPH V. 2,978,210
LONERGAN, PETER 2,982,020
LONG, STEVEN J. 2,981,122
LONGIN, ALEXIS 2,981,540
LOPEZ, HENRY W. 2,981,705
LOPEZ, MIGUEL ANGEL 2,978,910
LOPEZ-TOLEDANO, MIGUEL 2,963,952
LOS ALAMOS NATIONAL SECURITY, LLC 2,963,573
LOTESTA, STEPHEN D. 2,963,140
LOVAT, PENNY 2,963,753
LOWE, ANDREAS 2,981,751
LOWE, RANDALL D., JR. 2,982,252
LOWE, WILLIAM DENNIS 2,982,020
LOWENBERG, GONZALO 2,978,913
LU, CHRIS XIANGYANG 2,982,237
LU, PING-HONG 2,981,943
LU, RONGJUN 2,978,243
LU, RUEI-MIN 2,981,883
LU, XIN 2,978,841
LU, YONG-CHEN 2,963,362
LUBRIZOL ADVANCED MATERIALS, INC. 2,978,913
LUBRIZOL OILFIELD SOLUTIONS, INC. 2,978,326
LUCAS, BRYAN CHAPMAN 2,975,902
LUCAS, BRYAN CHAPMAN 2,979,331
LUDEWIGT, THOMAS 2,981,971
LUDLOW, CATHERINE 2,963,923
LUFT, BENJAMIN J. 2,963,643
LUFT, DAVID 2,981,947
LUGO-ARCE, JESUS-EDUARDO 2,982,197
LUKAS, THOMAS 2,982,006
LUNN, GRAHAM 2,963,740
LUO, HONG 2,975,330
LUO, XIAO 2,982,237
LUONG HONG QUAN 2,981,694
LUUKKONEN, ANTTI 2,979,048
LWANDE, JOEL S. 2,982,133
LYDALL, INC. 2,979,832
MA, JING YUAN 2,981,494
MA, SEN 2,982,206
MA, YIPING 2,982,402
MAALOUF, KHALIL JOHN 2,976,917
MACDIARMID, JENNIFER 2,963,218
MACDONALD, LORN SCOTT 2,981,934
MACHADO, LEONEL HENRIQUES 2,982,233
MACLACHLAN, IAN 2,963,271
MACMILLAN, GAVIN 2,981,908
MACRIS, ARISTIDES 2,963,546
MADAN, HARISH KUMAR 2,963,206
MADAN, SUMIT 2,963,206
MADARAS, CECILE 2,982,225
MAECHLING, SIMON 2,978,515
MAERSK DRILLING A/S 2,977,186
MAHAJAN, GIRISH 2,964,437
MAHESWARAN, SHYAMALA 2,982,363
MAHMOOD, TALAT 2,981,729
MAIKAWA, KENGO 2,981,770
MAKAUSKAS, NERIJUS 2,979,309
MAKE IT LEO LTD. 2,979,016
MAKSYMIAK, IHOR R. 2,981,744
MALAMUD, MARK A. 2,981,044
MALASKA, STEPHEN L. 2,981,044
MALCOM, JONATHAN D. 2,982,124
MALLEO, DANIELE 2,982,252
MANAHAN, JOSEPH MICHAEL 2,982,361
MANDA, SUDHAKAR 2,963,337
MANIBHARATHI, ROSHAN N. 2,981,953
MANNICK, JOAN 2,963,935
MANZ, MARKUS GABRIEL 2,981,186
MAQUI NEW LIFE S.A. 2,981,989
MARAUSKA, JULIANE 2,979,131
MARCHAL, CHARLES 2,963,862
MARCILLAUD, CELINE JEANNE 2,978,024
MARCOTTE, JACOB 2,978,326
MARCUS, ANDREW 2,963,140
MARELLI-BERG, FEDERICA 2,962,798
MARKS, NATALIE 2,982,252
MAROLT, BOSTJAN 2,978,215
MARQUEZ, DARKO 2,981,956
MARSHALL, EMILY 2,963,573
MARSHALL, MICHAEL L. 2,981,888
MARTIN, GEORGE R. 2,981,705
MARTIN, GUILLAUME 2,978,024
MARTYNUS, CORNELIA BEATE 2,979,841
MARTYNUS, CORNELIA BEATE 2,980,151
MARUHO CO., LTD. 2,982,424
MASON, JOSEPH E. 2,982,121
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,982,128
MASSIMO, VARENNA 2,963,066
MASTERMAN, THOMAS CRAIG 2,981,880
MATARAZA, JENNIFER MARIE 2,964,367
MATHEWS, NEIL 2,963,740
MATOLIN, DANIEL 2,981,910
MATSUI, JUNJI 2,978,311
MATSUO, HARUO 2,981,779
MATSUZAKA, NAOHIDE 2,981,761
MATSUZAKI, HAJIME 2,978,442
MATTEUCCI, MARK 2,981,494
MAURO, CLAUDIO 2,962,798
MAWAS, RAMI 2,981,525

MAXAMCORP HOLDING, S.L. 2,981,224
MAXAMCORP HOLDING, S.L. 2,981,238
MAXAMCORP HOLDING, S.L. 2,981,248
MAYRHOFER, MICHAEL 2,977,320
MAZZARELLA, JOSEPH R. 2,978,951
MBDA UK LIMITED 2,981,105
MCADOO, ANDREW L. 2,963,426
MCALLISTER, DEVIN 2,981,974
MCCAFFERTY, SEAN J. 2,981,941
MCCANN, WILLIAM 2,981,944
MCCARTHY, STEPHEN J. 2,962,823
MCCARTHY, STEPHEN JOHN 2,964,385
MCCLAIN, CHAIRIL 2,982,166
MCCOWN, MATTHEW 2,981,816
MCDANIEL, KEGAN 2,982,215
MCDERMOTT, KARALYNN M. 2,982,166
MCDONALD, DEBRA CHRISTINE 2,981,809
MCEWEN, JASON M. 2,982,252
MCFARLAND, ANDREW W. 2,982,252
MCFARLIN, KEVIN L. 2,981,635
MCFARLIN, KEVIN L. 2,981,636
MCGINNIS, JOEL PATRICK 2,981,206
MCGUIRE, KAREN M. 2,982,161
MCINALLY, GERALD 2,981,459
MCLAREN, MATTHEW 2,982,186
MCMANUS, MICHAEL 2,981,986
MCMICHAEL, JOHN 2,982,117
MCMILLAN, AMY 2,982,191
MCNALLY, ELIZABETH 2,981,960
MCVEEN, KEITH MICHAEL 2,981,345
MEACHAM, BRIAN E. 2,982,346
MEAD, ALICE 2,963,202
MEAD, ALICE 2,963,208
MEDELA HOLDING AG 2,982,223
MEDENNIUM, INC. 2,980,142
MEDIATEK INC. 2,981,916
MEDIMMUNE, LLC 2,962,783
MEDIMMUNE, LLC 2,982,358
MEDINA-BOLIVAR, LUIS FABRICIO 2,982,350
MEDLINE INDUSTRIES, INC. 2,982,215
MEDOFF, MARSHALL 2,981,880
MEDTRONIC NAVIGATION, INC. 2,981,146
MEDTRONIC PS MEDICAL, INC. 2,981,280
MEDTRONIC XOMED, INC. 2,981,264
MEDTRONIC XOMED, INC. 2,981,635
MEDTRONIC XOMED, INC. 2,981,636
MEECE, BARRY DEWAYNE 2,979,199
MEHENDALE, SAMEER 2,978,783
MEHIO, RAMI 2,982,173
MEHOE ENTERPRISE INC. 2,981,986
MEISSNER, RUTH 2,978,515
MEKKAOUI, LEILA 2,978,381
MELENHORST, JAN J. 2,963,935
MELLIN, GUSTAV ANDRE 2,979,679
MELLIN, GUSTAV ANDRE 2,979,682
MELNYK, THOMAS J. 2,979,067
MELVIN, LAWRENCE S. JR. 2,963,085
MENZ, CHRISTIAN 2,981,089
MERCK PATENT GMBH 2,964,982
MERCK SHARP & DOHME CORP. 2,978,311
MERCOLA, MARK 2,982,179
MERIAL INC. 2,963,426
MERIT MEDICAL SYSTEMS, INC. 2,977,681
MERTSCH, RUDIGER 2,978,503
MESO SCALE TECHNOLOGIES, LLC. 2,981,957
MESSANA, ANDREW D. 2,981,703
MESSAS, EMMANUEL 2,981,219
MESSENGER, BRIAN E. 2,962,570
METALYSIS LIMITED 2,979,134
METEK METEOROLOGISCHE MESSTECHNIK GMBH 2,981,860
METZGER, ROBERT 2,978,210
MEURER, GUIDO 2,978,841
MEYER, JURGEN 2,978,503
MEYERS, KENNETH MICHAEL 2,964,754
MICHAEL, GUNTHER 2,978,503
MICHAUD, DENNIS 2,981,880
MICHELI, FABRIZIO 2,964,103
MICHELS, JOHN JOSEPH 2,978,638
MICRODOSE THERAPEUTX, INC. 2,981,735
MICROSOFT TECHNOLOGY LICENSING, LLC 2,981,728
MIDEA GROUP CO., LTD. 2,974,673
MIGLIACCIO, CARMELA 2,964,858
MIGLIACCIO, RAFFAELE 2,964,858
MIKAYAMA, KAORU 2,981,859
MILLAR, GARY BRET 2,982,122
MILLER, ERIC S. 2,982,248
MILLIKEN INFRASTRUCTURE SOLUTIONS, LLC 2,979,063
MILONE, MICHAEL C. 2,963,935
MILTON-EDWARDS, MARK 2,981,685
MINAGAWA, YUUSUKE 2,981,778
MINAMI, KOICHI 2,982,430
MINATO SEIKI IRON WORKS CO., LTD. 2,981,948
MINES, ANGELA 2,979,403
MINEUR-PANIGEON, MARIE 2,978,024
MIODUSZEWSKI, DAVID 2,979,069
MIRANDA CAMPOS, PAULA 2,981,989
MIRELMAN, DAVID 2,979,309
MIRRE, AZELY 2,963,875
MISAPPLIED SCIENCES, INC. 2,978,717
MISUTKA, JASON R. 2,981,497
MITANI, MITSUHIRO 2,982,433
MITCHELL, JOHN 2,981,617
MITCHELL, MICHAEL P. 2,982,343
MITSUZUKA, HIDETOSHI 2,982,245
MIYAKI, YUKIO 2,982,426
MO, MIN 2,982,133
MOETAMED-SHARIATI, SABA 2,981,593
MOHAMED, TAMER M.A. 2,982,105
MOHAMMADI, FATEMEH 2,978,301
MOHAMMADI, KHOSROW PARVIZ 2,977,961
MOHANAN, JAYA L. 2,977,523
MOHANTY, RADHA G. 2,981,816
MOKHTARI, SASAN 2,980,321
MOLCHO, MOSHE 2,979,016
MONDHE, DILIP MANIKRAO 2,964,437
MONEREAU, CHRISTIAN 2,980,212
MONROE, TERRY D. 2,978,943
MONSANTO TECHNOLOGY LLC 2,981,816
MONSANTO TECHNOLOGY LLC 2,981,819
MONTALVO, PAUL R. 2,982,113
MONTANO RUEDA, LUIS DIEGO 2,981,224
MONTANO RUEDA, LUIS DIEGO 2,981,238
MONTANO RUEDA, LUIS DIEGO 2,981,248
MOODY, ANTHONY M. 2,962,934
MOODY, DEREK LITE 2,981,356
MOORE, ADRIAN RICHARD 2,982,427
MOORE, RICHARD G. 2,982,270
MOORE, WARREN 2,981,885
MORAVEK, SCOTT J. 2,978,199
MORISHITA, YASUYUKI 2,982,088
MORMUL, VERENA 2,978,035
MORRIS-COHEN, ADAM 2,981,758
MORRISON, VANCE R. 2,976,905
MORRISS, ZACH 2,981,944
MOSS, STEPHEN 2,977,888
MOSS-PULTZ, SEAN 2,981,952
MOTOROLA SOLUTIONS, INC. 2,977,197
MOTUS THERAPEUTICS, INC. 2,978,216
MOULARAT, STEPHANE 2,964,817
MOWER, WAYNE 2,977,681
MOYNA, JOHN P. 2,982,112
MU, NAN 2,978,910
MUDUDUDDLA, RAMESH 2,962,725
MUEGLITZ, CARSTEN 2,981,939
MUISE, HERBERT D., JR. 2,979,881
MUJICIC, VLADIMIR 2,981,829
MUKHOPADHYAY, DEBKUMAR 2,978,769
MULLER-SIEBERT, REINHARD 2,977,556
MUNI, KETAN P. 2,981,292
MUNIZ, LUIS 2,981,752
MUNIZ, LUIS C. 2,981,759
MUNRO, WILLIAM ANGUS 2,963,040
MUNSON, STUART J. 2,979,197
MURATORE, ANTONIO 2,978,846
MURCHIE, ALEC C. 2,981,900
MURPHY, ANDREW J. 2,981,186
MURPHY, JENNIFER MARIE 2,982,269
MURPHY, LEON 2,963,935
MUTUALINK, INC. 2,978,951
MYERS, MARJORIE KAY 2,977,497
MYERS, RICHARD M. 2,982,369
MYHRVOLD, NATHAN P. 2,981,044
MYUNG, SE-HO 2,976,628
MYUNG, SE-HO 2,977,043
MYUNG, SE-HO 2,977,214
MYUNG, SE-HO 2,977,325
N2 MEDICAL SOLUTIONS, LLC 2,982,408
NA, JEONG K. 2,982,160
NADAL ROURA, XAVIER 2,977,421

NAGARAJ, SANJAY 2,982,272
NAGYNE BORKO, AGNES 2,963,844
NAIR, VINOD S. 2,981,702
NAKAMURA, KATSUTOSHI 2,981,686
NAKASHIMA, SHINICHI 2,981,689
NAKAYAMA, AKIHIKO 2,978,317
NALAMOTHU, VIJENDRA 2,979,051
NAMMALWAR, PRASANTH KUMAR 2,978,871
NANOCYTOMICS, LLC 2,981,975
NARMONTAITE, ELENA 2,979,309
NARUSE, YUJI 2,981,778
NARVEKAR, ANIL NARAYAN 2,981,237
NATALE, CHRIS 2,981,785
NATURSPEICHER GMBH 2,981,395
NEAL, ROBERT 2,981,867
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO 2,981,962
NEEM BIOTECH LIMITED 2,964,241
NEEM BIOTECH LTD 2,964,244
NEIGEL, DENNIS VICTOR 2,982,121
NEKULA, LAMBERT 2,978,498
NELSON, ANDREW MICHAEL 2,981,458
NELSON, LEE-BATH 2,979,016
NEMETH, HUBA 2,981,086
NEMOTO, PETER ALLEN 2,964,754
NESS, JASON S. 2,979,067
NESTEC S.A. 2,964,857
NESTEC S.A. 2,981,914
NESTEC S.A. 2,981,915
NETT, JUERGEN HERMANN 2,982,131
NEULIEB, ROBERT 2,981,812
NEUMAN, KEIR CAJAL 2,982,180
NEUSS, ANDREAS 2,978,240
NEVILL, J. TANNER 2,982,252
NEW YORK AIR BRAKE LLC 2,981,812
NEX FLOW AIR PRODUCTS CORP. 2,981,987
NG, ALBERT HAN 2,978,717
NGUYEN, ANDY 2,981,292
NGUYEN, CHUONG 2,978,910
NGUYEN, FRANCOIS 2,977,379
NGUYEN, LUAN KHAI 2,976,785
NGUYEN, NGAN 2,964,982
NGUYEN, PHILLIP 2,981,452
NIBOUAR, F. ANDREW 2,981,953
NICHOLSON, STEPHEN REUBEN 2,981,435
NIEKERK, HENDRIK VAN 2,981,224
NIELSEN, BJARNE 2,978,991
NIKE INNOVATE C.V. 2,981,165
NIKOLAISEN, PER IVAR 2,981,406
NINES, MEGHAN 2,964,385
NINO-LIU, DAVID O. 2,981,819
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,982,068
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,982,078
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,982,087
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,982,101
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,982,247
NIR, NOAM 2,978,346
NISHIMURA, TAKURO 2,982,056
NISSAN MOTOR CO., LTD. 2,981,686
NISSAN MOTOR CO., LTD. 2,981,688
NISSAN MOTOR CO., LTD. 2,981,770
NISSAN MOTOR CO., LTD. 2,981,778
NISSAN MOTOR CO., LTD. 2,981,779
NISSHINBO CHEMICAL INC. 2,981,689
NOBLE HOUSE GROUP PTY. LTD. 2,982,335
NODEHI FARD HAGHIGHI, KHASHAYAR 2,980,321
NOK CORPORATION 2,982,056
NOK CORPORATION 2,982,071
NORDAUTOMATION OY 2,982,235
NORDSTROM, MATTHEW D. 2,981,165
NORTHROP, P. SCOTT 2,978,899
NORTHWESTERN UNIVERSITY 2,981,960
NORTHWESTERN UNIVERSITY 2,981,975
NOSEDA, ALESSANDRO 2,978,040
NOUSIAINEN, JAAKKO 2,963,183
NOVA CHEMICALS (INTERNATIONAL) S.A. 2,978,052
NOVACOIFF 2,981,950
NOVAK, RICHARD A. 2,980,290
NOVARTIS AG 2,962,714
NOVARTIS AG 2,963,935
NOVARTIS AG 2,964,315
NOVARTIS AG 2,964,364
NOVARTIS AG 2,964,367
NOVARTIS AG 2,979,013
NOVARTIS AG 2,981,751
NOVARTIS AG 2,982,237
NOVELIS INC. 2,978,328
NOVOMATIC AG 2,981,868
NTN BEARING CORPORATION OF AMERICA 2,981,744
NUFERN 2,978,728
NXTHERA, INC. 2,982,372
NYBORG, ANDREW C. 2,982,358
O'BRIEN, KEVIN 2,981,829
O'BRYAN, JEFF 2,982,402
O'CONNELL, DANIEL NEIL 2,981,854
O'KANE, RUAIRI 2,981,703
OAKMAN, ADAM 2,982,408
OBA, KENICHI 2,982,056
OBER, ANDREAS 2,978,247
OBI PHARMA, INC. 2,981,494
OCEANEERING INTERNATIONAL, INC. 2,982,314
ODA, SHANNON K. 2,978,186
OFFICINE DI CARTIGLIANO SPA 2,978,682
OHIO SOYBEAN COUNCIL 2,982,371
OHMAN, OVE 2,978,524
OHR, STEFFEN 2,978,846
OIEN, SVERRE 2,981,406
OJALA, PAULI 2,982,235
OKADA, HIROKAZU 2,982,247
OKANOUE, TAKESHI 2,982,097
OKI, KENJI 2,981,691
OKI, TAKAHIKO 2,981,779
OKUMU, FRANKLIN 2,979,051
OLIVEIRA, GUSTAVO 2,982,086
OLSEN, GARRETT T. 2,978,971
OLSEN, GARRETT T. 2,981,003
OLSEN, GARRETT T. 2,981,900
OMYA INTERNATIONAL AG 2,977,435
OMYA INTERNATIONAL AG 2,978,846
ONE WORLD CANNABIS LTD. 2,982,250
ONO, TOSHIHIDE 2,982,247
OO, WEI LUN 2,977,197
OOHIGASHI, YUJI 2,981,859
OPEN ACCESS TECHNOLOGY INTERNATIONAL, INC. 2,980,321
OPKO DIAGNOSTICS, LLC 2,982,262
ORBAN, ANDRE 2,981,795
OREGON HEALTH & SCIENCE UNIVERSITY 2,963,573
ORGEL-ZECHNER, RENE 2,979,291
ORION CORPORATION 2,963,179
ORLANDO, ELENA 2,963,935
ORLANDO, ELENA 2,981,751
ORMEROD, MARK 2,978,994
OROZCO RODRIGUEZ, JOSE A. 2,981,888
ORWAT, MICHAEL J. 2,963,395
ORYNIAK, CARYN 2,981,752
ORYNIAK, CARYN 2,981,759
OSBORN, KEVIN 2,981,469
OSBORN, STEPHEN JOHN 2,978,827
OTTER PRODUCTS, LLC 2,981,949
OUTOTEC (FINLAND) OY 2,979,307
OVERLAND STORAGE, INC. 2,981,469
OWENS, TRACIE L. 2,962,823
OWENS-BROCKWAY GLASS CONTAINER INC. 2,978,187
P&X MEDICAL NV 2,964,649
PABBISETTY, KUMAR BALASHANMUGA 2,963,395
PACIFIC NORTHWEST RESEARCH INSTITUTE 2,963,923
PACZAN, NATHAN MICHAEL 2,976,785
PADILLA, GERARDO 2,977,765
PAESSENS, CHRISTIAN 2,982,006
PAETOW, MARIO 2,979,131
PAGAN, MORAIMA 2,978,442
PAGEAT, PATRICK 2,978,168
PAGOVICH, ODELYA E. 2,982,213
PAI, PRAVEEN 2,982,271
PALACE, GERARD 2,981,880
PALCHAUDHURI, RAHUL 2,982,115
PALEOLOGOU, MICHAEL 2,981,722
PALEOLOGOU, MICHAEL 2,981,729
PALM, NOAH W. 2,981,186
PALMER, ROBERT WAYNE 2,981,854
PAMME, NICOLE 2,962,857
PAN, CLARK 2,978,459
PAN, TINGRUI 2,978,277
PAN, YI 2,978,971
PANARISI, JOSEPH 2,978,325

PANDA, KAUSIK 2,964,982
PANG, XUEYU 2,978,540
PANIER, FAUSTINE 2,978,575
PANNELL, RICHARD B. 2,978,925
PANTHER, ALEXANDER GYLES 2,982,047
PAPASERGI, SALVATORE 2,963,872
PAPERCLIP INC. 2,982,080
PAQUET, JOSEPH 2,964,823
PARADOWSKI, MICHAEL 2,963,740
PARASKOV, GEORGI 2,978,127
PARET, CLAUDIA 2,965,033
PARIRENYATWA, STEPHEN 2,978,377
PARK, JIN SUNG 2,978,262
PARK, SUHJUN 2,977,946
PARK, SUNG-IK 2,977,381
PARK, SUNG-IK 2,978,059
PARK, SUNG-IK 2,978,718
PARK, SUNG-IK 2,978,919
PARLATI, FRANESCO 2,981,762
PARNAPY, KEITH 2,981,812
PARR, ERIC 2,981,345
PARR, REBECCA D. 2,982,350
PASSERELLO, CORY A. 2,982,239
PATEL, KRINA 2,978,095
PATEL, MILAN 2,981,643
PATERSON, MICHAEL 2,982,215
PATI, VISHVABHUSAN 2,978,015
PATIL, SAGAR ASHOK 2,982,359
PATIL, SHAILESH 2,978,948
PAUBEL, XAVIER 2,978,575
PAUTHE, EMMANUEL 2,964,823
PAWLOWSKI, TRACI 2,977,821
PAXTON, COLIN 2,978,575
PAZHAVELIKKAKATH PURUSHOTHAMAN, RAJEESH KUMAR 2,963,762
PEARSALL, ROBERT SCOTT 2,981,737
PEARSALL, ROBERT SCOTT 2,981,831
PEARSALL, ROBERT SCOTT 2,981,833
PEDDADA, PRASAD 2,978,057
PEDEN, NANCY A. 2,982,368
PEDERSEN, JOHN RON 2,977,186
PEDICINI, CHRISTOPHER 2,981,956
PEETERS, JEFFREY GERARD 2,976,205
PEIOS, PAUL 2,981,697
PELLED, ITAI 2,978,346
PELLERIN, JONATHAN 2,982,192
PELVIPRO LIMITED 2,981,649
PENG, CHENGHUI 2,975,407
PENG, LIAO 2,982,394
PENG, YONG 2,975,330
PENNECOT, GAETAN 2,981,944
PEREZ, MAXIME 2,980,212
PERMASENSE LIMITED 2,964,314
PERNODET, NADINE A. 2,978,301
PERNOT, MATHIEU 2,981,219
PERRIN, ALEXA 2,981,914
PERRIN, ALEXA 2,981,915
PERRY, JASON M. 2,963,666
PERRY, MATTHEW 2,981,986
PERSSON, FREDRIK 2,978,524
PETER, ANDREW MAXWELL 2,981,372
PETERS, CHRISTOPHER 2,978,210
PETERS, GERHARD 2,981,860
PETERS, SHIRLEY JANE 2,978,501
PETERSON CHEMICAL TECHNOLOGY, LLC 2,978,193
PETERSON, BRUCE W. 2,978,193
PETERSON, JOHNATHAN EDWARD 2,981,458
PETERSON, KYLE W. 2,978,193
PETERSON, TODD L. 2,980,019
PETIT, ROBERT 2,978,082
PETITE, HERVE 2,964,823
PETROVIC, GORAN 2,963,901
PETRY, GERALD 2,979,124
PHAM, ANH THU 2,978,710
PHAM, HAU NGUYEN-PHUC 2,979,995
PHILIPPE, RIVORY 2,981,257
PHISHLINE, LLC 2,981,858
PHISHME, INC. 2,981,864
PHYTOPLANT RESEARCH S.L. 2,977,421
PICHOT, HERVE 2,979,743
PICKER, LOUIS 2,963,573
PICKREL, CORY S. 2,981,659
PIERS, PATRICIA ANN 2,979,042
PIJPERS, JOSEPH JOHANNES HENRICUS 2,981,777
PILOTE, JACQUES 2,982,389
PIMARD, ALAIN 2,978,678
PIMARD, ALAIN 2,979,099
PINTO, DONALD J.P. 2,963,395
PIPCHUK, DOUGLAS 2,981,575
PITARRESI, GIOVANNA 2,963,872
PIXIUM VISION 2,981,910
PLASMA TECH HOLDINGS, LLC 2,982,410
PLAYER, MARK R. 2,962,955
PLESS, TRAVIS 2,981,740
PODSIADLO, PAUL 2,964,385
POET RESEARCH, INC. 2,980,019
POLANCE, ROBERT G. 2,981,895
POLATO, ANTONIO 2,978,682
POLICICCHIO, NICOLA JOHN 2,981,654
POLICICCHIO, NICOLA JOHN 2,981,656
POLITIS ZAFIRIS G. 2,976,969
POLYTEX SPORTBELAGE PRODUKTIONS-GMBH 2,981,942
POLYTHERICS LIMITED 2,963,043
POMESTCHENKO, IRINA 2,978,556
PONT, NICOLAS 2,978,104
POOLE, JAMES 2,982,336
POON, AARON 2,980,923
POSCH, CHRISTOPH 2,981,910
POTDAR, PRATUL PRAKASH 2,981,237
POWELL, ADAM B. 2,978,199
POWELL, VINCENT DOUGLAS 2,981,051
POWERBYPROXI LIMITED 2,981,695
PPG INDUSTRIES OHIO, INC. 2,978,199
PRAKASH C. RAMANI, VISHNU 2,978,040
PRATT, BARBARA A. 2,981,063
PRAUSNITZ, MARK 2,981,974
PRAXAIR TECHNOLOGY, INC. 2,980,290
PREMACHANDRAN, RAMAN 2,982,338
PRESCOTT, CLIFFORD NEAL 2,981,452
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,964,367
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,982,115
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,982,427
PRIME BIO-DRUG DEVELOPMENT LIMITED 2,982,387
PRINCIOTTA, MICHAEL F. 2,978,082
PRINDLE, ARTHUR 2,982,128
PRITCHARD, MARTYN 2,979,160
PRO BRAND INTERNATIONAL, INC. 2,981,720
PRO4INNOVATION UG 2,981,971
PROBE TECHNOLOGY SERVICES, INC. 2,982,165
PROLACTA BIOSCIENCE, INC. 2,981,965
PROMIUS PHARMA, LLC 2,979,051
PROTIVA BIOTHERAPEUTICS, INC. 2,963,271
PROXIMAGEN LIMITED 2,979,160
PUERTO, ALPHONSE 2,981,171
PULE, MARTIN 2,978,381
PULMATRIX OPERATING COMPANY, INC. 2,963,666
PURANAM, SRIVATSAVA 2,981,758
PURDY, DAVID 2,981,525
PURKNER, ECKHARD 2,979,124
PYPER, ANDREAS 2,981,596
Q.E.D. ENVIRONMENTAL SYSTEMS, INC. 2,979,069
QAZI, ASIF KHURSHID 2,964,437
QIAO, JINPENG 2,977,286
QINTERRA TECHNOLOGIES AS 2,981,459
QIU, HUAWEI 2,978,459
QU, QI 2,978,943
QUALCOMM INCORPORATED 2,978,015
QUALCOMM INCORPORATED 2,978,875
QUALCOMM INCORPORATED 2,978,948
QUALCOMM INCORPORATED 2,978,953
QUALCOMM INCORPORATED 2,978,954
QUANTA ASSOCIATES, L.P. 2,981,854
QUEEN MARY UNIVERSITY OF LONDON 2,962,798
QUEST DIAGNOSTICS INVESTMENTS INCORPORATED 2,981,679
RABINKOV, AHARON 2,979,309
RABINNE, BRUCE 2,979,743
RABUCO JERALDINO, CLAUDIO 2,981,989
RACENET, DAVID 2,981,826
RACHAPALLI, JYOTHSNA 2,981,153
RADHUBER, CHRISTIAN 2,979,048
RAINES, PAUL ROY, JR. 2,981,723
RAINEY, GODFREY 2,982,358
RALPH, THOMAS A. 2,981,452
RAMACHANDRA, SRINIDHI 2,978,871
RAMACHANDRAN, GOPI CHANDRAN 2,978,871
RAMASAMY, KARTHIKEYAN KALLUPALAYAM 2,963,749

RAMASAMY, KARTHIKEYAN KALLUPALAYAM 2,963,869
RAMESH, AVINASH 2,979,995
RANA, GEETA 2,982,407
RANGE OF MOTION PRODUCTS, LLC 2,981,767
RANPAK CORPORATION 2,977,642
RATTLEHUB DIGITAL (PTY) LTD 2,982,055
RAVI, KRISHNA M. 2,981,807
RAY, COREY 2,978,910
RAYCHECK, JEROMY THOMAS 2,979,841
RAYCHECK, JEROMY THOMAS 2,980,151
RAYSONI, NEELAM DEEPAK 2,978,712
RECHARGEABLE BATTERY CORPORATION 2,981,956
REDDY, B. RAGHAVA 2,978,540
REDFORD, STEVEN G. 2,980,019
REECE, STEVEN Y. 2,981,777
REECE, STEVEN Y. 2,981,806
REED, STEWART DAROLD 2,981,828
REENTS, REINHARD 2,962,901
REGENCOR, INC. 2,982,179
REGENERON PHARMACEUTICALS, INC. 2,978,096
REGENERON PHARMACEUTICALS, INC. 2,981,186
REID, GREGOR 2,982,191
REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK 2,978,240
REILLY, KATELYN ELIZABETH 2,982,352
REMINGTON, MICHAEL P. 2,978,187
RENEWABLE FIBERS, LLC DBA RF WASTEWATER 2,982,076
RENNA, CARLO 2,978,575
RENTSCHLER, ANDREAS 2,981,089
REOSS GMBH 2,977,987
REUTER, KERSTIN 2,978,980
REVIRAL LIMITED 2,963,740
REYES, JUSTIN 2,981,947
REYNOLDS, ALAN C. 2,982,410
RHEAUME, FREDERIC 2,982,420
RHODES, SHANNON 2,982,249
RICHARD, ANDREW 2,982,187
RICHARDSON, LAWRENCE 2,981,697
RICHARDSON, PETER 2,979,160
RIDKY, TODD 2,981,785
RIEBEL, STEFAN 2,981,939
RIFFELL, DANIEL 2,981,356
RILEY, BENJAMIN S. 2,978,260
RING CONTAINER TECHNOLOGIES, LLC 2,980,557
RIPD RESEARCH AND IP DEVELOPMENT LTD. 2,976,969
RIPTIDE BIOSCIENCE, INC. 2,981,705
RISHER-KELLY, CLIFFORD M. 2,981,146
RIST, ATILLA 2,982,366
RITTENHOUSE, JOHN WARREN 2,981,206
RITZ, JEROME 2,963,602
RIVKOWICH, JASON 2,979,282
RIZZO, PASCAL 2,981,540
ROBBINS, PAUL F. 2,963,362
ROBBINS-CAPUANO, BARRY 2,982,083
ROBERTS, BRIAN S. 2,982,369
ROBERTS, ELISABETH HELEN 2,982,427
ROBERTS, ROBERT R. 2,981,735
ROBINE, ENRIC 2,964,817
ROBINSON, CHRISTOPHER E. 2,964,981
ROBINSON, THOMAS 2,977,681
ROBSON, ROBIN CODY 2,982,005
ROCHAL INDUSTRIES, LLC 2,982,352
ROCKWOOL INTERNATIONAL A/S 2,981,386
RODABAUGH, DANIEL K. 2,981,450
RODRIGUES, GUILLAUME 2,980,212
RODRIGUEZ, MIRNA L.M. 2,981,762
ROE, DONALD CARROLL 2,980,151
ROGOZINSKI, JEFFREY D. 2,981,895
ROHLFING, MORGAN LEIGH 2,981,356
ROMANOSCHI, OVIDIU 2,981,752
ROMANOSCHI, OVIDIU 2,981,759
ROOYEN, PIETER, VAN 2,982,173
ROOZ, YUVAL 2,981,586
ROSE, ALEC 2,981,487
ROSEEN, PATRIK 2,979,126
ROSEMOUNT INC. 2,981,369
ROSEN, ROBERT 2,979,042
ROSENBERG, STEVEN A. 2,963,362
ROSENTHAL, ARNON 2,981,851
ROSENTHAL, ED 2,977,735
ROSS, FRANKLIN M. 2,977,735
ROSSI, DERRICK J. 2,982,115
ROTH, STANLEY A. 2,978,302
ROTHBERG, JONATHAN M. 2,963,085
ROTHE HAKANSSON, ANNE 2,982,039
ROUSSEAU, CEDRIC 2,978,174
ROUSU, COREY 2,982,109
ROVI GUIDES, INC. 2,981,643
ROY CHOUDHURY, NEIL 2,981,799
ROZANT, OLIVIER 2,978,104
ROZHOK, SERGEY 2,981,975
ROZSUMBERSZKI, IMRE 2,963,844
RUAN, JIABIAO 2,981,828
RUBACK, TODD B. 2,981,866
RUBAN, ANGELA 2,979,309
RUD, DIANA KAY 2,977,966
RUEHLE, MICHAEL 2,982,173
RUELLA, MARCO 2,981,751
RUFFO, ANTONIO C. 2,981,063
RUIZ-LOZANO, PILAR 2,982,179
RULISA, STEPHEN 2,982,191
RUNWAY INNOVATIONS LIMITED 2,982,020
RUPP, KEVIN D. 2,978,346
RUSHTON, MARY 2,979,274
RUSTUM, ABU M. 2,963,426
RYAN, JOHN PAUL 2,981,980
SABATIER, CLINT ROGER 2,982,000
SACKS, HAGIT 2,981,772
SADABADI, HAMID 2,981,799
SAF-HOLLAND GMBH 2,981,094
SAFAEI, NIMA 2,981,117
SAFRAN AIRCRAFT ENGINES 2,978,024
SAFRAN HELICOPTER ENGINES 2,981,171
SAFRAN HELICOPTER ENGINES 2,981,540
SAGY, ARTHUR A 2,978,783
SAH, RAJAN 2,964,239
SAHIN, UGUR 2,965,033
SAHIN, UGUR 2,978,980
SAINI, GAGAN 2,978,270
SAINT-GOBAIN GLASS FRANCE 2,977,324
SAKAI, ATSUSHI 2,981,783
SAKAI, EISUKE 2,982,059
SAKO, DIANNE S. 2,981,737
SAKO, DIANNE S. 2,981,793
SAKO, DIANNE S. 2,981,831
SAKO, DIANNE S. 2,981,833
SALADINO, PATRIZIA 2,963,872
SALAMONE, ANN BEAL 2,982,352
SALAMONE, JOSEPH CHARLES 2,982,352
SALESFORCE.COM, INC. 2,978,057
SALLA, RAJENDER 2,978,712
SALOMONS, STEPHEN 2,978,052
SALTS HEALTHCARE LIMITED 2,978,229
SALVATELLA RADRESA, DANIEL 2,978,913
SALYER, DAVID 2,980,923
SAMSUNG ELECTRONICS CO., LTD. 2,976,628
SAMSUNG ELECTRONICS CO., LTD. 2,977,043
SAMSUNG ELECTRONICS CO., LTD. 2,977,214
SAMSUNG ELECTRONICS CO., LTD. 2,977,325
SAMUELSON, DEVIN G. 2,981,926
SAMUELSON, EMILY 2,981,852
SANCHEZ-SEGADO, SERGIO 2,978,377
SANCILIO & COMPANY, INC. 2,963,952
SANCILIO, FREDERICK D. 2,963,952
SANDEROVICH, AMICHAI 2,978,875
SANDERSON, RALPH D. 2,978,040
SANDSTROM, PETER 2,981,800
SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE 2,982,179
SANKO TEKSTIL ISLETMELERI SANAYI VE TICARET ANONIM SIRKETI 2,979,192
SANTEN PHARMACEUTICAL CO., LTD. 2,981,691
SARANIECKI, W. ERIC 2,981,586
SARDEI, ANTONELLA 2,964,858
SARKAR, AMITAVA 2,981,593
SASAKI, TAKAHIRO 2,981,689
SASO, HIDETOSHI 2,982,056
SATIPHARM AG 2,981,772
SATOH, GEN 2,978,329
SATOH, GEN 2,978,642
SAUCA, SORIN N. 2,979,108

SAUER, ANDREW JAMES 2,979,841
SAUNDERS, ROBERT ALUN 2,964,241
SAUNDERS, ROBERT ALUN 2,964,244
SAUVAGEAU, YVES 2,982,192
SAUVAGEAU, YVES 2,982,193
SAVAGE, SCOTT 2,962,901
SAWYER, STEVEN M. 2,981,497
SAXENA, AJIT KUMAR 2,964,437
SCADDEN, DAVID T. 2,982,115
SCARAB GENOMICS, LLC 2,981,583
SCARDINO, PETER T. 2,982,262
SCHAAP, MICHIEL 2,981,464
SCHAECHER, SCOTT R. 2,981,816
SCHAFFNER, AUSTIN CARL 2,975,902
SCHAFFNER, AUSTIN CARL 2,979,331
SCHECHNER, ALEXANDER 2,981,395
SCHEDL, ADOLF 2,978,498
SCHEIBEL, JEFFREY JOHN 2,977,961
SCHEIBLER, LUKAS 2,964,364
SCHILD, SHAWN 2,981,717
SCHILLER, SVEN 2,978,650
SCHLUMBERGER CANADA LIMITED 2,978,910
SCHLUMBERGER CANADA LIMITED 2,979,995
SCHLUMBERGER CANADA LIMITED 2,981,478
SCHLUMBERGER CANADA LIMITED 2,981,575
SCHLUMBERGER CANADA LIMITED 2,981,951
SCHLUSSELBERGER, RAINER 2,977,320
SCHLUSSELBERGER, RICHARD JUN. 2,977,320
SCHMIDT, HELGE 2,977,497
SCHMIDT, SEBASTIAN 2,977,324
SCHMITT, CHRISTINE 2,963,875
SCHMITT, JEFFREY 2,981,771
SCHMITT, JEFFREY 2,981,826
SCHMITT, THOMAS M. 2,978,186
SCHMITZ, RALF 2,981,939
SCHNEIDER, ANTHONY TODD 2,981,903
SCHNEIDERBANGER, RAINER 2,978,127
SCHOELKOPF, JOACHIM 2,977,435
SCHOTT KAISHA PVT. LTD. 2,981,237
SCHUBERT, BETH ANN 2,977,961
SCHWABE, TINA 2,981,851
SCHWARTZ, JUSTIN MICHAEL 2,981,955
SCHWARTZMILLER, DAVINA J. 2,978,199
SCHWENKER, KAI-OLIVER 2,981,939
SCOPTON, ALEX P. 2,981,886
SEIER, MARION KARIN 2,978,164
SEILER, MARCUS 2,977,987
SEITZ, AARON DUANE 2,979,841
SEITZ, DAVID MARTIN 2,978,579
SEKI, TAKAHIKO 2,982,435
SEKISUI CHEMICAL CO., LTD. 2,981,859
SELFRAG AG 2,977,556
SELLITRI, DORA 2,979,042
SEMBA, HIROYUKI 2,982,247
SEMERARO, TERESA 2,964,103
SENOMYX, INC. 2,963,901
SEOL, MARN TAEK 2,980,994
SERGUEEV, DMITRI S. 2,963,686
SERGUEEVA, ALLA V. 2,982,346
SERNA, JESUS SANTAMARIA 2,978,913
SERVANT, GUY 2,963,901
SHAH, MATU J. 2,964,385
SHAH, SANDIP D. 2,977,523
SHAN, LIANG 2,981,186
SHAN, YONGQIANG 2,982,237
SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD. 2,981,998
SHARIF, NAJAM 2,964,364
SHARMA, PARDUMAN 2,964,437
SHARMA, ROHIT 2,962,725
SHARPE, ARLENE HELEN 2,964,367
SHEARWELL DATA LIMITED 2,981,613
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,963,546
SHELTON, JOHN 2,981,659
SHEN, YU 2,975,330
SHENYANG SINOCHEM AGROCHEMICALS R&D CO., LTD. 2,982,206
SHENZHEN HIGHTIDE BIOPHARMACEUTICAL, LTD. 2,981,754
SHEPPARD, JON 2,981,866
SHERET, TAMARA LOUISE 2,981,105
SHERIDAN, ROSE 2,977,888
SHERMAN, ELENA 2,978,346
SHEVGOOR, SIDDARTH 2,982,402
SHI, KAI 2,978,885
SHIMEK, GREGORY R. 2,981,891
SHIN, KY YEONG 2,979,518
SHKURTI, PIRO 2,982,086
SHMRI HAIM LTD. 2,981,563
SHROFF RAMA, MALLIKARJUNA 2,978,712
SHUMWAY, WILLIAM WALTER 2,978,054
SICK, STEPHAN 2,981,942
SIDDIQUI, MUKHTAR 2,981,928
SIEGEL, BERND 2,978,035
SIEMENS ENERGY, INC. 2,979,197
SIEMENS INDUSTRY, INC. 2,981,740
SIEMON, JOHN 2,978,329
SIJBRANDI, NIELS JURRIAAN 2,978,721
SILK ROAD MEDICAL, INC. 2,981,853
SIMETH, MARTIN 2,981,015
SIMLUND, DAVID 2,981,769
SIMLUND, DAVID 2,981,800
SIMMONS, BRYAN D. 2,982,223
SIMON, ALAIN 2,981,382
SIMON, JEAN 2,981,557
SINAI, ALON 2,982,250
SINCHOK, JOHN 2,978,581
SINGH, AMANJOT 2,981,987
SINGH, BALJINDER 2,964,437
SINGH, RAKESH K. 2,982,270
SINGH, SHARAT 2,964,857
SINGH, SURESH B. 2,963,140
SINGLE, GORDON 2,981,867
SINGNERGY CORPORATION PTE LTD 2,981,700
SINHA, NEELIMA 2,982,421
SIO2 MEDICAL PRODUCTS, INC. 2,977,801
SIO2 MEDICAL PRODUCTS, INC. 2,979,743
SIRONA DENTAL SYSTEMS GMBH 2,981,200
SITTON, OREN 2,981,719
SJOBERG, DANIEL 2,982,262
SJODIN, PER 2,982,021
SKACH, JOHN R. 2,982,223
SKINNER, RAYMOND C. 2,982,410
SLICHTER, SHERRILL J. 2,982,130
SLOEY, CHRISTOPHER JAMES 2,964,786
SMALLWOOD, NORMAN J. 2,977,673
SMED, MOGENS 2,978,206
SMERECKY, JERRY R. 2,981,953
SMITH & NEPHEW, INC. 2,979,403
SMITH II, LEON M. 2,963,395
SMITH, CAMERON KENNETH 2,981,903
SMITH, FRASER MICHAEL 2,981,782
SMITH, HOLDEN 2,978,000
SMITH, PAUL 2,981,990
SMITH, PAUL ALFRED 2,964,315
SMITH, PAUL RAYMOND 2,978,196
SMITH, RYAN 2,982,351
SMITH, WILLIAM 2,964,129
SMITHS DETECTION-WATFORD LIMITED 2,963,040
SNEAD, NICHOLAS M. 2,963,271
SNODGRASS, BRIAN 2,978,326
SNOW LOGIC, INC. 2,981,878
SNOW, JOSHUA 2,981,826
SOCIAL WELFARE ORGANIZATION SAISEIKAI IMPERIAL GIFT FOUNDATAION, INC. 2,982,097
SOFT ROBOTICS, INC. 2,981,894
SOIFFER, ROBERT J. 2,963,602
SOL, BERNARD 2,979,743
SOLENIS TECHNOLOGIES, L.P. 2,977,679
SOLIS HERRERA, ARTURO 2,977,600
SONAR, SANDIP SATISH 2,981,799
SONG, XINGHUA 2,982,198
SONOCO DEVELOPMENT, INC. 2,977,966
SONY CORPORATION 2,978,235
SONY CORPORATION 2,981,693
SONY CORPORATION 2,982,059
SONY CORPORATION 2,982,102
SONY CORPORATION 2,982,426
SOREMARTEC S.A. 2,979,796
SORVARI, ANTHONY CHARLES 2,980,321
SOUCY INTERNATIONAL INC. 2,982,192
SOUCY INTERNATIONAL INC. 2,982,193
SOUZA, JAMES M. 2,979,063
SOWINS, JONATHAN 2,981,895
SPADE, RODNEY K. 2,976,917

SPECIAL PRODUCTS LIMITED 2,963,189
SPECIALTY LUBRICANTS CORP. 2,978,581
SPECKLIN, JEAN-LUC (DECEASED) 2,963,875
SPENCER, MICHAEL JOHN DAVID 2,981,435
SPENCER, ROGER 2,982,160
SPEX ENGINEERING (UK) LIMITED 2,982,254
SPICER, ALAN 2,981,458
SPITZER, JEFF 2,982,248
SPOONER, JESSE 2,978,347
SPRANGER, STEFANI 2,978,450
SPRING BANK PHARMACEUTICALS, INC. 2,982,125
SRI GOPALA KRISHNA MURTHI, SANKARA SUBRAMANIAN 2,976,989
SRIDHAR, GARUD BINDIGANAVALE 2,979,995
SRINIVASAIAH, VINAY 2,982,272
SRIVASTAVA, ALOK MANI 2,978,871
SRIVASTAVA, DEEPAK 2,982,105
STALDER, ROBERT 2,981,214
STALEY, SHAUN 2,979,282
STANFILL, CRAIG W. 2,981,476
STEARNS, DONALD E. 2,981,264
STEEGE, ADAM T.C. 2,982,127
STEELE, MATTHEW 2,978,057
STEGEMOELLER, CALVIN L. 2,975,902
STEGEMOELLER, CALVIN L. 2,979,331
STEINEMANN, ANNE 2,981,702
STELLY, JOHN ERICK 2,981,506
STENLER, SOFIA 2,982,376
STEPAN COMPANY 2,982,336
STETTNER, MARTIN 2,978,067
STEVENS, SEAN 2,981,186
STEVENSON, THOMAS 2,982,336
STICHTING WAGENINGEN RESEARCH 2,963,762
STINGELIN, DORIS 2,962,714
STOCKTON, CHARLES W. 2,981,452
STODDARD, BRENT R. 2,979,282
STOGER, CHRISTIAN 2,981,089
STOKES, JOHN 2,982,356
STOLYAROV, DANIEL 2,978,556
STONE, HOWARD 2,981,978
STRONACH MEDICAL GROUP, INC. 2,982,333
STROWIG, TILL 2,981,186
STYLER, GRAHAM 2,981,908
SUBDOMAIN, LLC 2,981,711
SUBRAMANIAN, HARIHARAN 2,981,975
SUDZIUVIENE, SAULE 2,979,309
SUENKEL, RALF 2,979,105
SUGAYA, SHIGERU 2,982,059
SUGENO, NAOYUKI 2,982,426
SUGGS, LAURA JEAN 2,982,352
SUH, HAE YOUNG 2,978,262
SULESKI, MICHAEL ALEXANDER 2,982,080
SUMARAH, MARK 2,982,191
SUMITOMO DAINIPPON PHARMA CO., LTD. 2,982,097
SUMMERS, JACK L. 2,982,161
SUN PHARMACEUTICAL INDUSTRIES LIMITED 2,963,206
SUN, XUFENG 2,982,206
SUNDARESAN, TILAK K. 2,982,363
SUNDRLA, THAD PAUL 2,982,265
SUNG, JEAN C. 2,963,666
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SUPERIOR ENERGY SERVICES, LLC 2,982,086
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